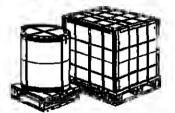
#### **VEEBOARD**

LOW COST EDGE PROTECTION For details and samples ring: 0244 520400



AIR BUBBLE OR FOAM Bags, sheets & rolls

FOR FAST RELIABLE SERVICE CONTACT: P.H. FLEXIBLE PACKAGING

> **BOARDMAN INDUSTRIAL ESTATE** SWADLINCOTE, DERBYSHIRE, DE11 9DL TELEPHONE 0283 551050

Also suppliers of postal bags and a wide range of polythene packaging materials

#### **LOW COST REWINDER/SLITTER**

 Separates self adhesive labels printed in multiples turns multiples into

 Handles label reels up to 305mm diameter or 240mm width.







95a Market Street, Hyde, Cheshire SK14 1HL. Telephone: 061 351 1433

#### NEW! **PACKAGING NEWS RAPID RESPONSE** READER ENQUIRY SERVICE

For more information from any of the advertisers in this issue of PACKAGING NEWS, simply call our Hot-Line number 0839 772268 (Lines open 24-hours) and leave your name & address and advertisement reference number(s).

READER ENQUIRY SERVICE

(Note: Calls cost 36p a minute chasp rate and 48p a minute at all

# Shrinkwrap choice for books

Speed, compact design and price were key considerations in Penguin Books' choice of an Adpak EFK250 shrinkwrapper for multipacks of its books.

Replacing a manual system, the Adpak machine is being used at the publisher's Harmondsworth operation to wrap collations of 12 assorted titles. These are destined for airport retail outlets, which require stock supplies in small quantities.

> "Presence of packs is picked up by a photocell"

Books are shrinkwrapped at speeds of up to 30 collations a minute, and the machine can take dintensions up to A3 size. Presence of packs is picked up by a photocell. allowing random-length objects to be wrapped.

The single-phase fullyautomatic machine is also equipped with teflon-coated sealing jaws and a scrap takeaway facility.

Penguin is using Cryovac's MR shrinkfilm, which combined with the performance of the machine gives

PALLET SYSTEM

Continued from front pege

Finnish manufacturer Marli

Oy is installing a second full-

web wrapping version of the

system for its cartoned drink

line. This gives a good-looking

pallet, says Mancon, which

allows the single sheet of film

to be cut down to the required

level as cartons and layer-trays

POLYETHYLENE

HIGH QUALITY

FAST DELIVERY

PALLET COVERS ON THE

ROLL AND SHRINKWRAP

LOW COST

SPECIALISING IN ---

are removed in-store.

melt system.



machinery and shrink film,"

against the pallet luad. Top

sheet drawing for sealing of the

of the service and engineering

side of our company," says

Jukka Tamminen, md at Man-

con (Wakefield Commercial

Park, Bridge Road, Horbury,

Wakefield WF4 5NY - tel:

lation/palletising unit uses per-

forated layer sheets which lock

Another version of the col-

0924 277070, fax: 275688).

"We are particularly proud

pallet top is an option.

quality multipacks which are strong and offer good clarity, says Alison Horsfall, sales and marketing manager at Adpak (17 Kenyon Road, Lomeshaye Industrial Estate, Nelson, Lancs BB9 5SP - tel: 0282 619200, fax: 612201).

director at Penguin. "The technical backup and Penguin first saw the machine operating at the helpful advice we always received from the Adpak staff PPMA Show in 1992, and the

The Marli line, which has

pallet wrapping as a separate

unit, will operate at 6000 bricks

an hour, but will be able to

Years of experience

Mancon and Maxim have years

of experience in stretchwrap

technology, and the current

system employs power pre-

stretch, ple control and film

heat cutting against a teflon

scaming unit rather than

RELY ON SUSSEXPOLY WITH OVER 20 YEARS EXPERIENCE IN

CUSTOM EXTRUSION, CONVERTING & PRINTING OF

WHEN QUALITY COUNTS ...

reach 8000 an hour.

installed model has been open was important to us. 'I'he efficiency of our packaging tional for around six months. Adpak, authorised disdepartment has been increased and running costs reduced by

tributors of Crynvac shrink film, is now also the sole Uki the implementation of the new agent for equipment from US says Brian Parratt, distribution company Polypack, complementing its own range of t packaging machinery.

bottle necks into place ensure that shoppers do not in remove bottles from lower lesels of the display, so making's pallet wrapping system is also available as a separate unit.

According to the company, a petented rotary capper from GEI Filling, Capping & Labelfing display pullets are particularly suitable for discount ware ik of leaking screw-capped house-type displays of prod mainers as a result of inaccuuets such as pet-bottled drinks e automatic application is for further K2 Call for the day to be virtually eliminated information 154 0838 71728 a patented rotary capper

w available from GEI Fill-Capping & Labelling Ltd. This claim is made followthe development of contter controlled individual to motor drive for each capg chuck which replace the ventional mechanical drive check over each container.

Cap motor stops

rarely able to maintain applied production torque levels consissays the company (Waverley Estate, Faruliani, Surrey GU9 9NN - tel: 0252 733212).

clutches. This is said to allow an on-machine quality control

Conventional systems are tently better than ± 30 per cent, House, Farnham Trading

ETS machine represents a fundamental redesign of capping machinery operation.

"The conventional mechanieal capping chuck drive has not changed in principle for several decades," he says, "Its main drawback is that once pre-set torque is reached and clutch trips out, the momentum of the chuck, running at about 250rpm, continues to otate the cap.

Humphries, director and gen-

eral maanger at GEI Filling

Capping & Labelling, the Dico

THE COMPLETE NEWS SERVICE FOR BUYERS OF PACKAGING EQUIPMENT, MATERIALS AND SERVICES

"Since this force depends on machine speed, which can vary, it is extremely difficult to predict accurately the ultimate torque. On a large cap such as a coffee jar closure, as much as 50 per cent of the torque applied can be in this way,

which is not controllable." In contrast, the servo motors of the Dico ETS allow torque to be achieved accurately by limiting the current available to the motors. However, to establish that set torque has Continued on back pege

ing the typeface. Display cartons with either

#### been coordinated for shelf and counter visibility, and the header card, a feature of the old display cartons discarded. Instead the earton interiors have been printed in the appro-

position at the top of the med-

icated sweet market, point of

sale presentation and packag-

ing of Halls Mentho-

lyptus range

sweets for

Lamber

Confectioner

has been re

designed by the

Consultancy Ltd.

Traditional

colours associated

with the pack have

been retained to pro-

vide it with a consis-

tent look. However, the

Halls logotype has been

emphasised by using

colour highlighting and a tinted foil outline. The Vapour

Action flash has also been

simplified and angled to

strengthen the message, and

ingredients listings have been

made more legible by updat-

priate flavour colours. Earlier work on Halls Soothers, which helped win the sweet's current 12 per cent market share within a year of its launch, secured

Mest the Association 10
We profile the fledgling Peckaging
Federation in its campaign to boost
the industry's image and benefits. Fitch (Porters South, 4 Criman Street, London Milk Wers Cartonboard and plastics contain manufacturers conduct (wo-pint light on environmental grounds, NI 9UE - tel -7200, fax: 1014) the

colours heve

been retelned

Scamus Mulligan, senior

product manager of Warner-

Lambert, says: "It is a difficult

challenge to add new life to a

well-established and successful

brand, but Fitch responded

with imagination."

Compecting equipment aids recycling
How to make the collection and
reprocessing of trausit eps viable

MARCH 1994

WHAT'S

Clean-room provision 4

Increased use of flexible ibes in food and pharmaceuticals has led to expansion of clean-room facilities.

FEATURES lpack ime

Creative Packaging 34-41
A stand-by-stand guide to the
Creative Packaging show.

Packaging design

technology 44-47
Costs and closer cooperation along
the packaging chain. We explore
the ways design technology
software ensures savings without
comproalising creativity.

REGULARS it was Packaging Nowa Thon

Company News

CLASSIFIED ADS start on page 87 APPDINTMENTS etart on page 70

#### According to Glyn inancing problems remain in UK industry waste plan

mpanies have until April to respond to proposals n the Producer Responsity Industry Group (PRG) mitted to the Secretary of t for the Environment last nth. Doubts continue t the plan's financing and viability of reaching conus on - and getting legive backing for - the levy

The plan proposes an estic and commercial/-

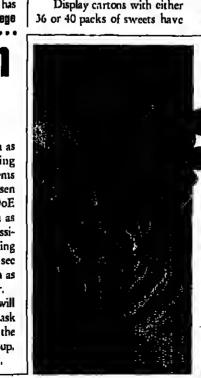
58 per cent by the year 2000. The PRG was set up with a brief from the DoE to come up with a viable plan for handling packaging waste in the UK. It is proposed that Valpak,

an industry organisation, will administer the scheme, working with individual MOs (material specific organisations). It will collect and allocate funding, which the PRG estimates will require around \$100 million over the next two to three years.

A levy will be raised, but

no decision has been taken as to where in the packaging chain this will fall. Problems are said to have already arisen over this issue, with the DoE pressing for its application as close to the consumer as possible at the packing and filling stage, and retailers eager to see it applied as far from them as possible - with the converter.

An independent expert will be handed the unenviable task of resolving this issue, says the Producer Responsibility Group. See page 9 for full report.



# **AZ YOU WISH!**

There are top quality plostle battles from Atlan

You can select from a huge range al standard pocks.
Capacities range Irom 30 ml to 2000 ml. A chaice of tampereviden), child resistant or standard screw thread closures is combined with our ability to screen print, modify or custom nould your pack. Whatever your application, we are tallor made lo dress your product.

and very importantly, we *don't* have telephone numbe*r M*inimun Order Quantilies. We can respond to all anguiries, big ar small. CALL NOW FOR A COMPETITIVE QUOTE.



AZLON

Fox: 0785 813748 Telex: 36226



Call on 0839 772268 or circle number (K3-442)

Call on 0839 772268 or circle number | K2.419 PACKAGING NEWS/FEBRUARY 1971

WADIN THE PAGES FOR PACKAGING PRODUCTION & PRINT PAGE 4

0839 772268

other times, A call to this number should last around one minute, service operated by Telelink Ltd., P.O. Box 100, Cosham, POS 4TU)

ALL RIGHTS RESERVED

**OUALITY FLEXIBLE PACKAGING** 

EN 28002/ISO 8002/B8 5750 APPROVED BY BVQI

ovide it. BRIGHTON RD., SHOREHAM-BY-SEA ase in "value recovery" of

SUSSEX, BN43 6RE, ENGLANO TEL: (0273) 455141

strial packaging waste to

FAX: (0273) 465630

working on a basis of 400,000. units, including the cost of custom-made tooling built by ACI, payback will be within a

year. The savings will be 30 per-

cent on the current luxury

glass containers and further

savings are also envisaged in

duced for Jafra are the fore-

rimners of a full range of foatii

filled pp jars currently being

developed by ACI, Produc-

tion of a 50ml container has

The 200ml comminers pro-

transit and storage.

Any reader, especially from small to medium size businesses, who believes that the Producer Responsibility Group (PRG) proposals to government, outlining industry plans to handle packaging waste, have nothing to do with them should think again...(see pages 1 and 9).

In fact, don't just think again but get hold of a copy,

consult with colleagues and then act. You have until April 15 to make your views known to PRG (5th Floor, Villiers House, 41-47 The Strand, London WC2 5QB tel: 071-839 1144, fax: 071-839 4304).

In brief, the plan proposes an increase in 'value recovery' of domestic and commercial/industrial packaging waste to 58 per cent by the year 2000. At the risk of stating the bleeding obvious, this is only six years away and, considering the low start point, a lot of work has got to be done, and at what cost.

This is why it is essential that views on the scheme should be known NOW.

Please do not think that as the PRG members represent large companies - the likes of Procter & Gamble. Tesco and ICI plc - that they are going to take overall responsibility, especially in the still contentious area of funding. Don't be mislead into thinking that just because your company is not a multi-million pound concern that this will not affect you.

Even though the government seems unwilling to bring smaller companies into line on levy raising through compliance legislation, the possibility of legislation has never been excluded by Environment Secretary, John Gummer.

First estimates put funding required at around £100 million over the next two to three years. It should be borne in mind, however, that the DSD system in Germany has had to be bailed out and that the Eco-Emballages plan in France has also run into some problems.

Action on environmental issues in the UK has been somewhat ponderous up to now, to put it politely, and many companies could be forgiven for thinking that plans would never come. This is no longer truc - this time it's for real...

Also real is the threat of increased costs to British companies of implementing EU environmental policy over the next few years, according to a report called EC Environmental Policy Monitor, published last month.

"British business must lift its attention beyond the recession to the medium-term challenge of the Community's environmental agenda," says the author.

Consulting and influencing European legislation is not easy - continenting on the PRG plan could not be easier. Don't waste the opportunity... Gail Lea, Editor



One-piece, hinge-lid corrugated cases for rolls of photographic film and paper produced by Kodak, in up 10 30 different widths, are now crected automatically in house from flat blanks, reducing storage space and material cost compared with the bought-in pre-erected fibreboard cases and lids previously employed.

Kodak packaging development engineer Dave Craig says: "We can now take a flat blank and make the One-piece, hinge-lid cesse used for Kodek products box up, where previously, with the two-part box,

huge volumes of storage space were required." Fully motorised, size changeover on the two stage erector, purpose built for Kodak by GBE Lerner-Burgess (Fleming Road, Hink-

blanks, measuring from 623 to 1791mm wide by 1070mm long and plug erects the cases, first creeting the base, then the hooded lid. lev, Leies LE10 3DU - tel: 0455 Mechanical speeds of up to 613888, fax: 618538), takes less six cases a minute are achieved,

than two minutes allowing the minimum number of cases to gated insert can reduce the practical speed to between two be erected economically to and three cases a minute.

"We can now work on a just-in-time basis," explains Mr Craig. "Size changes in less than two minutes allow very small batches to be produced." An additional requirement was to minimise light penetration into the box, allowing a range of products to be stored under fluorescent lighting. This is achieved by a

combination of a full height hooded hinge lid, full width end flaps and an extra fold-over front wall and inner base which erushes into the case to form tight corners. A further corrugated insert is placed over the film as it is loaded by hand to form an inner lid, says GBE.

metics International has adopted foam filled, one-piece pp WORD jars that are believed to be the first of their kind in the UK for 081 20: its Royal Jelly Body Complex. Gail Lea

Camila Reed

News Editor:

Paul Gander

Executive:

Prednetion Manager:

Frances Gapper 081.

Publisher's Secretary:

Publication Sacratary:

Publication Secretary:

Barbara Hibbert 081242

Alex Cowan

Wemly Lish

Helen Kkafas

Credit Control:

Janet Ford

Citeulallon:

Jenny Anthony

Group Publisher

ISSN 0030-9133

Julian Maddocks

Amural subscription \$60 la

and Europe. Elsewhereint

world by airmail \$90 or \$69

sea mail. Single copy rate 5

Olescterale: Douglas Wig

(managing director), Deals

Jones, Ronald Oshonia He

A Maclean Humo

Maelean Hunter House, G

Northeen Office: Carringted

Business Park, Urmston,

Manchester M31 4QW - 🛉

lerts EN4 OBU

Fax: 081 242 3154

Heybridge, Essex

[BBP]

Lane, Crickfusiers Road, Bi

Botting (vice president,

Koropean Publishing)

Production Editor:

Skineare specialist Jafra Cos-

Deputy Editor: Jafra has worked closely with ACI Rockware Plastics in developing the process to manufacture these heavy walled, Technical Coren one-piece plasties jars, a move Raymond A Silk, Flore Pla driven by safety and savings. It Advertisement Menager: means that a lookalike alterna-David Chald Salos Exacutive: tive to opal glass containers Hazel Barry 081 242 and two-piece, double walled Cleastfied Advertisement plastics jars is now available.

Jackie Skeel "One-piece, European Sates Executive: Walter M. Schneider, Via heavy walled Sialunga, CH-6928 Manno, Switzerland - rel: +41 91/59 plastics jars" fax: +41 91/5053(4 Northern Setes Menager:

Jafra's Royal Jelly Body Com-Susan Sreward 061 776 plex will be the first product in Converting World Seles May Michael J. Reade 081 425 these 200ml, wide mouth jars, which will be launched into Europe, the USA and Mexico

an X-ray contaminant detector

081 241: Systems to better the reliability

currently on the market.

from Yamato Lock Inspection

and throughput of equipment

Using processes developed

by the controls and manufac-

al, lighter, use nn colorant, are easily recyclable. Existing moulds used for glass can be copied for the plastics version, says ACI (Skerne Road. Software gives X-ray detector control

Yamato Lock parent company

Trans Tee, the Ultrascan is said

to be unlike other systems

available in being able to go

beyond their simpler threshold

mechanisms and compensate

for non-homogeneous product.

in May. They will replace

white opal glass versions that

had the same internal and

and hase meet is rounded, with

no undercut at the neck, to

allow for easy removal of the

entire contents. Containers can

be printed or sprayfrosted to

simulate the appearance of

Explaining the develop-

acid-ciched glass containers.

ment, Dave Watson, director

of sales and marketing at ACI

says: "The foam additives tech-

nology already existed but was

used by the automorive indus-

try for steering wheels. We

have taken this and developed

are that they are mono-mareri-

Benefits of the containers

it for containers."

The area where the walls

external dimensions.

second, inspection can be carried out on up to 180 packs a minute on the standard Ultra-

scan system. A higher grade version will process up to 400 units a minute, says the company.

Algorithms used on the system allow for the detection not only of metal, but also glass fragments, stone, bone and high density plastics. High speed real time processing contrasts different images captured from the pack to arrive at an accurate analysis two or three times faster than previously possible, says Yamato Lock (Neville Street, Oldham, Lancs OL9 6LF - tel: 061-624 0333,

fax: 06t-624 5181). According to sales manager

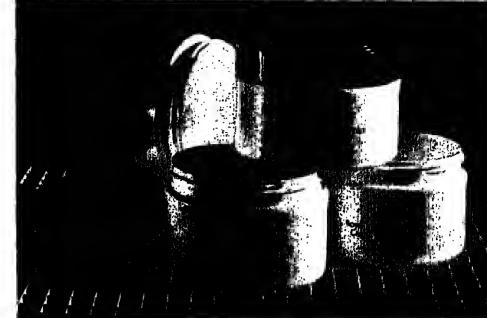
extended claims have been made about many of the X-ray systems now available. While a system that works on a simple threshold basis may be reliable in singling out contaminants such as metals, he says, it would not have the same relia-

bility for other materials. Change of the function code will allow for the performing of different cheeks. such as those for damage or missing items, as well as for contamination of various types. But while programming call permit the scanning of mixed

pack and product types, simul-

naneous running of these differ-

ent functions is not possible.



The foam-filled polypropylene Jers by ACI Rockware Plastics

Kingston-Upon-Thames, Surrev KT2 5AE - tel: 081-546 1161, fax: 081-541 5648).

Foam-filled pp jars offer savings

Jeff Laidlaw, purchasing and packaging development manager at Jafra, says that

already begun and Mr Warson says this will become a standard mould. In future, five sizes will be produced: 15, 30, 50, 70 and 200 ml. Jars manufactured by this process have a thick sectioned

wall and base configuration with foamed pp the central core between the smouth inner

and outer surfaces.

For further K3 Call for details information K4 0839 772269

# Oval cartons for breakfast cereal

meet any particular order,

GBE's machine operates

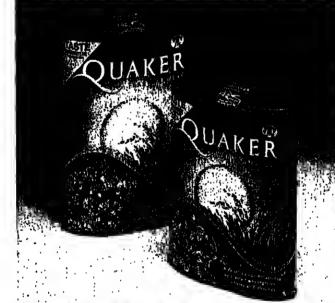
with 12 sizes of magazine-fed

Development and ownership of the design and complete packaging system is behind Quaker's move into oval-seetion cartons for a double breakfast cereal launch.

Two Quaker products, Feast of Flakes and Wholegrain Feast, Itave been launched in oval cartons which, research suggests, consumers find easier to handle and pour. The tamper-evident carton, designed by consultant CPS International, uses plastics end pieces for resealability.

CPS was responsible for 3D design and machinery development, with full intellectual property rights going to Quaker. The manufacturer clearly hopes that this will instil life into a market in which new departures are very rare.

"Packaging is emerging as a powerful media too, which from a commercial standpoint has the potential to influence consumer preference just as much as advertising," says



Queker's Feast of Flekes and Wholegrein Feast in new ovel certons

CPS (7, Marketplace, Saffron Walden, Essex CB10 1HJ - tel: CPS: 0223 890111, fax: 5t3601).

Design agency Wickens Tutt Southgate (10a Frederick close, London W2 2HD- tel: 071-262 1707, fax: 071-262 1512) was responsible for

branding on the carton.

WICKENS TUTT SOUTHGATE: For further K3 Call for details 776 4015, fax: 061 777 6628 Origination: PRS, Human Signed, The Fermant range of Flim sealing machines Sealed

Ultreecan contaminant detector; high detection, fest throughput

400 to 800 mm foot operated film bag scaling units for air and watertight sealing of spure parts, tools, plustic parts or granulated goods. Specialist units for the film sealing of PE tubes or sterile bags and attaching carrier bag handles. Available with air exhaust/aitrogen filling system for total

corrosion protection or food conservation. (Existing users are protecting goods in submuriaes and in space!) For batch coding, security or identification the unique printing scaling beam car be incorporated into any of the Fermant machines.

Also in the film sealing range

or jar? holding tray for shrinkwrapping Delivered film packaging units for flat objects such as books, documents or textiles. hand held hot sealing pliers for bulky objects.

horizontal units to seal from 380 - 2000 mm for long film webs, bags, protective And of course all machines come with our customary service, spares and

Call us now for more details or a demonstration in our showroom.

BALLINGER RAWLINGS · LTD

Balrawl House, Ebberns Road. Balrawi House, Ebberns Road,

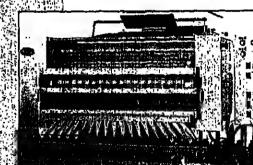
Hemel Hempstead, Herts, HP3 9RD Tel: 0442 217555 Fax: 0442 60091

Tablet counting

Who can supply everything from a bench top counter.....



....to a 40,000 a minute slat counter?



King of course!

King labiet counters can be found operaling in over 180 countries. The range covers the needs of the Rosultal dispensery and the mullinational manufacturer. It includes the new TC electronic multi-channel counters and the talest stat pounters with full scenning fecililles for the ultimate in acquiracy and velidellon.



C.E.King Lid, 41 London Street, Charlsay, Surray KT16 8AR Tel: 0932 565191 Fex: 0932 566593

Call on 0838 772268 or circle number (K3-429)

RING 0272 715480

WE MAKE THIN PLASTIC TRAYS

For brochure contact: EYREVAC, 7-15 HUNGERFORD ROAD BRISLINGTON, BRISTOL BS4 5HU. TEL: 0272 715480 FAX:

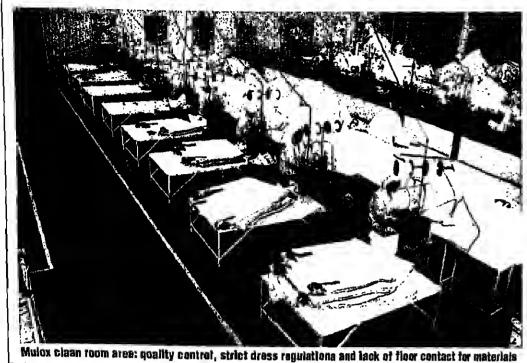
Clear or white, po

Call on 0839 772268 or circle number

PACKAGING NEWS/MARCH 1994

Call on 0839 772268 or circle number (K3-448)

# Making clean-room provision for flexible ibcs



Increasing use of flexible ibes in the food, pharmaceutical and other hygiene-conscious industries has led manufacturer Mulox IBC Ltd to devote proportionally more of its production space to elean-

Customers in these sectors have been moving from smaller units for powdered and particulate products, and momentum has increased since the introduction of regulations for the manual handling of loads. At the same time, companies began to demand that not only inner liners, but the ibes themselves be made under hygienic

Mulox reports that its clean room area has been enlarged five times since production under special conditions began

in early 1992. It is estimated that up to 70 per cent of production from its Stoke-on-Trent factory will, by the end of the year, come from the clean-room section. Currently output from this section is 8000 a week out of a total of around 20,000.

Clean cutting of the woven pp sheet to avoid stray threads or particles combines with extraction systems, rigorous quality control, strict dress regulations and lack of floor contact for materials to ensure the Apart from the standard

range of single- and multitrip four-point lift fibes, the clean room section can be used for production of the static conductive Mulox Elec-

there is a risk of static build up during emptying and @ ing, and so of explosions.

Other options such as # Quadro, which retains in stacked, can also be manuf tured hygienically,

The list of foods packed in hygienically manu tured ibes is long; while and products filling pharmaceuin companies' ibes are antibione glucose, paracetamol and aspin These companies tend with

ultra-cautious," says Charle Futerman, and of the compa (Grindley Lane, Blythe Bridge Stoke-on-Trent - tel: 070 388122, fax: 0782 388133).

for choosing East Kent?

The single reason

#### Here are a few more...

| <b>^</b> | Governme   | nt | fin |
|----------|------------|----|-----|
|          | Incentives | in | sei |
| N        | incentives | ın | sei |

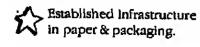
nancial elected areas.



Closest location to Closest location to mainland Europe.



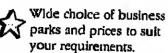
High quality living environment.



in paper & packaging.

, Competitive wage rates.

Channel Tunnel, excellent motorway connections, four thajor ports and easy access



Free,confidential relocation advisory service from East

Readily available skills and training resources. Kent Enterprise Office. For further information, please call 0304 206900 or return the coupon today to: East Keni Enterprise Office, 3 Waterloo Crescent, Dover, Kent CT16 1LA.

East Kent Enterprise Office can help. PN 9-

Relocation Services Business Growth

Call on 0839 772288 or circle number K3408

A cost-effective system for cater for lower value quant packing frozen meat, fish and and types of product. Where poultry products in a double Skinvac uses relatively con layer of pe film and so allowing improved pos presentation and production processes resins, Twinskin uses only pe protection, has been launched

Better pos presentation of frozen meat and fish

The inner bag safegua the contents against del simple patented system which tion, ice accumulation other and joined at the neck outer layer, can be flexo with hot melt adhesive. Aimed ed in up to six colours Trigon (Stafford Park for the moment at manuallypacked product, the pre-Telford, Shropshire TF3 35 formed bags are drawn in a tel: 0952 290471, fax: 290954 vacuum before scaling, with

Trigon has recent installed a second Schiavi the inner layer clutching the product and the perforated colour press. The company won a gold EFTA flexograp print award for a turkey supplied to Iceland From Foods. It was also recogniin last year's awards.

Apart from companial already using flexible package for frozen product which to move away from vacuu pouches, overwrap film backing boards, Trigon being many of those using cart will switch to Twinskin.

bag, Skinvac, Trigon was keen

food packers are looking for is

solutions that improve the

appearance and value of prod-

ucts without added cost,"

An opening performance of world renown dedication to perfection finely tuned range of food can openings. Put It down to the fact that we're great improvisors in technology, leading the world with innovating ideas. No wonder our leasy open and 'classic' ends have been greeted with a chorus of approval in over 60 countries. Like to hear more? Then study our new brochure, the natural selection; and discover why our superb products will harmonise perfectly with your packaging

outer remaining unaffected. "Without added cost" "One of the key things that

> explains md Kevin Chubb. While still enjoying success with its principal prc-formed

by Trigon Packaging Systems.

# Plastics bulk containers used to store pe resin

BASE ple's UK plastics divi-sion is now using Surface Modified Plastics (SMP) to store polyester resin for its customers purchased from Schutz UK Ltd. It plans to use SMP treated ibes throughout the rest of its European operations.

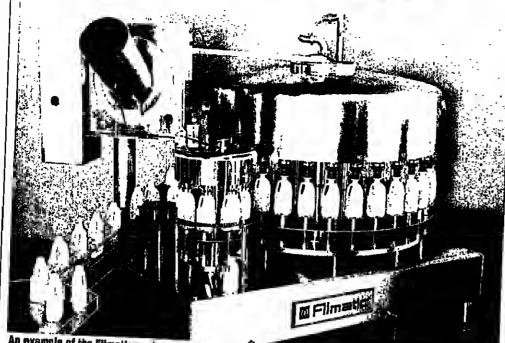
Paul Shrimpton, account manager for unsaturated polyester resins at BASF, tells Packaging News: "We are turning more and more to the use of ibe's because of the difficulties associated with drum handling and disposal.

SMP treated containers are suitable for polyester resins not only because of the hazarduus nature of the product but also because the SMP process helps retain integrity," says Mr Shrimpton.

Schitz (PO Box 100, Worksop, Notts S81 7YZ tel: 0909 478863, fax: 478864) developed the uff-line fluorination process (SMP) to provide a double barrier to reduce losses through the container's hdpe walls.

The process exposes both inner and outer surfaces to fluorine gas, creating a double barrier layer. Coatings intensify chemical resistance against highly flammable, toxic and caustic materials BASF already supplies Schutz with the uv resistance high molecular weight lidpe which is used to manufacture the ibc's. Containers are SMP treated at Schutz' plant in Germany and then sent to the UK.

# **Bottle filling success**



As the use of pe bottles in the dairy industry continues to grow, Paklink Ltd has been enjoying great success with the Filmatic machines it supplies, with one 18-head machine just installed at Lancashire Dairies.

Between 80 and 90 four pint bottles a minute can be filled on the 18-head model. Depending on fill volume and the number of heads, throughput can be up to 200 containers a minute on these level filling machines. At larger commercial plants, installations have been fitted with up to 36 heads.

"While it offers the mo modern technology and high quality results, Filmatic h resisted the temperation to maits fillers too complicated, sa Paklink md Patrick Strachan

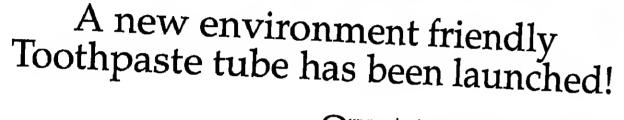
Change from two-pint four-pint filling can be caria out in around 20 minutes, sp. Mr Strachan. Competitive pra-ing and design for long conte-uous shifts were behin Lancashire Dairies choice of d nachine, says Paklink (Wo hourne House, Lenten Strea Alton, Hants GU34 1HH - h 0420 541111, fax: 89278).

The South African-but machines are designed to allo the removal of filling value from outside the tank. Cos veyor speed is automatical controlled to take account a downstream problems such a bottle congestion.

Damage during cappings J minimised by a soft-sur. mechanism. To save space, de cap feeder projects from the front of the machine.

Smallest of the Filmatic machines is a two-head handfed system which occupies jue one square metre uf floor space Larger machines offer clean in place. If necessary, a separate steam heater and tank can provide a more flexible alternation to the ring main.

Apart from fillers, Paklink can supply a variety of up-and downstream equipment and is a licensee for Blackhawk caps.



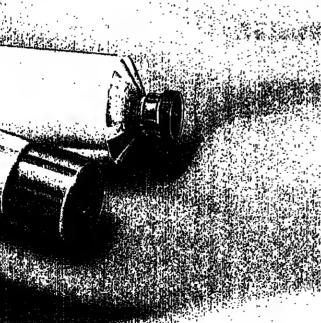
Our new laminated tube is manufactured of polyethylene and EVOH-plastic in five layers. It fulfils the same demands for hygiene, barrier and quality as our previous laminated

The important thing is, the new laminated tube is environmentally friendly and recycla-

That means we can now offer a full range of recyclable tubes in aluminium, polyethylene and laminated materials.

Hydro Aluminium Packaging is the largest manufacturer of flexible tubes in Scandinavia. Our customers are Europe's leading producers of pharmaceutical, food and cosmetic

We hold quality system ISO 9000 and was the first tube manufacturer in Europe to be certifled according to BS5750:part 1.



CCC HYDRO ALUMINIUM HYDRO ALUMINIUM PACKAGING AB POx 103 BURY, Lancs. BL9 6BU England Tel. (061) 76 45 295 Pax. (061) 76 12 679

HYDRO ALUMINIUM PACKAGING a.s. Postboks 23 S 544 22 HID Sweden ... 10. (503) 116

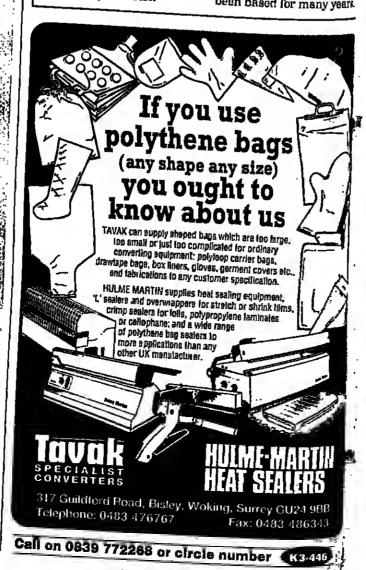
Norway Tel: (38) 35 21 00

Call on 0839 772268 or circle number (K3-401)

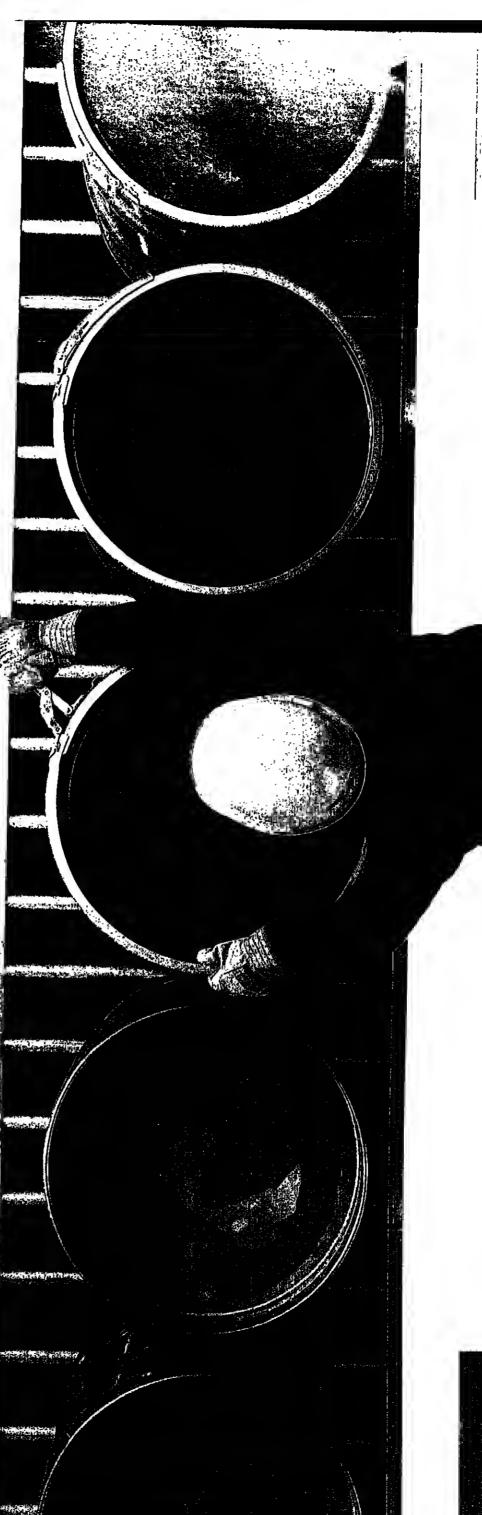
# HULME-MARTIN LTD ARE RELOCATING THEIR SALES OFFICE & MANUFACTURING FACILITIES TO LARGER PREMISES AT BISLEY SURREY.

The new single site will combine production, sales and service with the spacialist converting activities of their subsidiary TAVAK.

The move avoids the limitations of operating n factory in the centre of London where this long established company has been based for many years



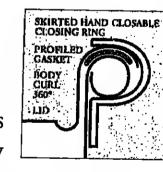
PACKAGING NEWS/MARCH 199



THE PHENY 45 CANDERNA UNNITED TO THE WATER HAMOCHOXMBUE,

# GIVE YOUR DRUMS THE SEAL OF APPROVAL.

• The unique seal ensures UN Group II certification is retained after filling, thereby covering delivery of product to your customer.



- Consistent tolerances enable you to remove the lid, fill the drum with product and hand close the lid in the normal way.
- Closure fittings in the lid are not necessary.
- For more information dial us on the number below and give your drums the seal of approval.





VANTEER (UK) LTD., MERSEYSIDE WORKS FI (ESKIPR SOUTH WIRRALLOSTEZ: TEEÇOST 3553648 TAXOSTS

# Low-cost thermal transfer print with design flexibility

transfer printing is possible with a hardware/software combination available exclusively from LAC Systems, mixing design flexibility with tough construction.

Labelgem software, which LAC devised itself, can be used to bring together text, barcodes, sequential codes, lines, boxes and graphics. Ease of use was a major consideration, with an accompanying manual which was written with the non-computer literate in mind.

This means that the printer ean be used by nperators in

areas withnut specific technical know-how. Manuals accompanying other systems have required clarification

#### "Technical know-how"

for the end-user, says the company (900 Thornton Road, Fairweather Green, Bradford BD8 0JG - iel: 0274 483111, fax: 482191).

"A lot of other printers in this price bracket have only a flimsy plastics shell,"

says Mark Stothers of LAC.
The all-metal cabinet and
roll holder are said to be
ideal for more hostile nonoffice environments.

The Labelgein thermal/thermal transfer unit prims at speeds up to 90min a second at a resolution of 6 dots a mni. Maximuni print width is 53mm. Character size can vary from 0.83 x 0.83mm to 42 x 60mm.

In the next few mantles, LAC will be applying the software to the TEC range of printers, and the company has no intraediate plans to take it beyond rhermal/thermal transfer.

LAC sees itself as a softdesigned for Wella's Colour ware house in its own right, as Confidence range show the well as a supplier of dot potential of Digital Arts' sysmatrix, thermal and laser hardtem, which includes Bareo ware. The company is also Graphics 2400 and 2200 workkeen to work with label constations, Digipack software, verters to set up in-house vari-AppleMae Quadras, Barco able image pri<u>nt</u>i laser scanners and thermal proofer and an Ins inkiet. "This

results for its cartons.

Five-colour cartons

Dar is being used at BPC Digithe greatest extent," explains tal Arts to provide the hair general manager Gary Little. eolourant industry - one of the

After lifting and retouching most demanding types of cusimages electronically from tomer to benefit from onmaster photography, Digital screen design - with options, Arts can develop exact enfourvariations and high quality ing and give a number of different tone and highlighting options for skin and hair.

Starting with a scatter proof, the company can adapt the iniimage according to the customer's comments, import these changes onto the carron shape and create a bulk proof.

Use of this system also means that the same basic image can be transferred from earton to carton in the range. Once stored, the same image can also be used in generating films for magazine advertising, sales aids, or pos display.

The Wella eartons use six colours plus varnish over a range of 15 product variants.

Mr Little says there are no advantages with using dar for one-off cartons, but systems such as that at Digital Arts come inro their own when ranges of packs need designing, and especially where on-pack promotions are adopted.

"We have a complete cradle to grave integrated system from scanner to image setter," says Digital Arts (Malvern Road, Furze Platt, Maidenhead, Berks SL6 7RF - rel: 0628 73739, fax: 73999).

After a year under its independent identity within BPC as Digital Arts, the company is balancing its role as the design arm of BPC Taylowe, nf which it was originally a part, with an increasing capacity for serving customers outside the British Printing Company.

Still neighbours, Digital Arts and Taylowe can work





BPC Digital Arts has devaloped

together closely un design

development from 2D to 3D.

with the carton company using

Misomex software on its outline

work and able to import profile

into the Digital Arts system.

These initially guaranteed prices would in the longer

term be replaced by guaranteed markets, he says. There are still major concerns about the availability of markets for recycled materials. Though in theory markets may

be there, their development may itself absorb a proportion of available finance in subsidies. Friends of the Earth (FoE) criticises the PRG for lack of

subsidies to establish end mar-

kets in materials recycling

could upset projections from

the Producer Responsibility

Industry Group (PRG) - see

also page 1 - on the financing

of its waste management plan,

Lessons in financing and

recovery targets have been

learned from other European

national systems such as Eco-

Emballages in France, says the

group. Chairman of the PRG's

working committee Peter Hin-

dle rejects suggestions that the

en visaged funding will not be

enough. "We've looked very

hard at how we can get costs

ont of the system hefore we

have even started," he told PN.

higher recycling targets, Val-

pak will have to work with

local authorities and the waste

management industry to

expand eollection and sorting.

By the end of 1996, 15 per cent

of homes will be covered by

domestic and "high density

bring" collection systems, the

financing local government

will be through guaranteed

prices for collected and sorted

materials," says Mr Hindle,

European environment coordi-

"Guaranteed

nator at Procter & Gamble.

"The main mechanism for

PRG predicts.

In order to achieve the

according to industry experts.

financing the scheme is to be raised or spent, and ministers for making a series of meaningless threats, "The government seems more concerned about heading off legislation than environmental protection," says a spokesperson.

# "Increasing

Though compliance legislation for raising a levy has never been excluded by Environment Secretary John Gummer, there are increasing doubts about the government's willingness to bring smaller companies into line in this way.

'Value recovery' of waste includes incineration for energy recovery. More than four times the quantity going for incineration now will be burned for energy by the year 2000, the plan proposes.

Industry sources see this as being a potential problem area, with long lead times for construction and for the build-up of tonnage where new incinerators are built. There are no proposals as to how development in this sector should be financed.

"Many industry sectors have not been involved in the discussions until now, and these include a wide base of fillers, converters and retailers of all sizes," says Peter Davis, chief executive of Incpen, who sees the consultation period as vital. Like Inepen, James Jensen of the Packaging Federation welcomes the active role of industry in the formulation of the plan.

Reaction from the British Plastics Federation (BPF), which has had many of its members involved in preparation of the PRG plan, has focused on the proposals for developing incineration as an option and end markets for recovered material. Unsurpris-

application of a levy as close to the consumer as possible at the packing and filling stage.

While welcoming the proposals and in particular the role of energy recovery, the Packaging and Industrial Films Association (Pifa) believes that a levy on retailers should be considered, arguing that this is the fairest option.

Written comments on the proposals from the PRG (except the issue of where the levy will fall, which will be handled by the independent expert) can be sent to PRG Information Office, 5th Flour, Villiers House, 41-47 The Strand, Lundon WC2 5QB. (Tel: 071-839 1144, fax: 071-839 4304). They should arrive

by 15 April 1994.



## market uses the technology to A SUPPLIER 210L INTERNALLY LACQUERED DRUMS





DURHAM DL17 ONU

**DELIVERY** 



PROTECT YOUR DRUMS, THEIR CONTENTS AND THE ENVIRONMENT ALL IN ONE PACKAGE.

THE LONG ESTABLISHED METAL DRUM COMPANY HAS INSTALLED THE FIRST DRUM INTERNAL POWDER COATED LACQUER PLANT IN THE UK AND ONLY THE SECOND IN EUROPE

THESE DRUMS BOTH OPEN TOP AND TIGHT HEAD WILL SUCCESSFULLY PACK A WIDE RANGE OF

GENERAL INDUSTRIAL CHEMICALS, AGROCHEMICALS & FOODSTUFFS (FDA APPROVED)

TELEPHONE OR FAX US AND WE WILL ARRANGE FOR A REPRESENTATIVE TO CALL AND DISCUSS THE PARTICULAR TECHNICAL AND COMMERCIAL FACTS THAT MAY BENEFIT YOUR COMPANY

TEL: 0388 720391 FAX: 0388 721880

Call on 0839 772268 or circle number (K3-461)



**CAN HANG** ON THIS If you've got o problem with your punched holes or stots So if you've got a lot io. eoring then get your hands on a 'Hot slot' bag and give it a PALEKTROM Thanks to our unique content-sotion process our hole will FICT SILCY lake more lugging with no tear-The system comes complete Polektron Systems Ltd. Unit 2, Coborwood Close with jaws to suit your machine and is simple to install and use. Chesterfield Trading Estate Sheepbridge, Chesterfield Header cords, hong tobs or strengtheners could be a thing 541 9RQ. Tel: 0246 260909 of the past. Fax: 0246 260328 Call on 0839 772268 or circle number (K3-434)

PACKAGING NEWS/MARCH 199



TEL: 0482 868733



KTP Ltd., Weltham House, Riverview Road, Beverley HU17 8DY Yorkehire Tel: 0482 868733 Fax:0482 2511157

Cell on 0839 772268 or circle number (K3-419) PACKAGING NEWS/MARCH 1994

A fine brandy, the connoisseur's single malt whisky, a well-earned gln at the end of a hard day, are moments to savour. So, when we receive the call to manufacture a distinctive style and character, we ensure your brands GEASS PACKAGING Lax & Shaw Sales and Marketing. Feb (0374) 611313.

Imagine Life without Lax & Shaw

Call on 0839 772268 or circle number (K3-409)

# Fighting to promote industry benefits

The much heralded Packaging Federation was officially launched in December 1992 following the appointment in October of that year, of lames lensen as its inaugural director general.

The launch followed many months of speculation and activity, which began with representatives of companies such as Lawson Mardon Group, Waddingtons, Courtaulds, Rockware and Plysu discussing the need for one organisation to represent the interests of the entire packaging mannfacturing industry.

These companies felt that the industry - which is the ninth largest manufacturing group in the UK with an annual turnover of \$8.5 billion needed to up its profile in all

The Automatic Choice

kinds of areas and to exert influence in, for instance, legislative and political arenas.

Mr Jensen is keen not to denigrate the work of sectoral trade associations, many of whom do excellent lobbying work, but the Federation members felt that the central message about packaging per se was being lost.

The group of companies at the launch have now grown to 21 - see table for full details and a coherent, focused plan of action is in place. Mr Jensen is quietly determined to adhere strictly to these plans which he believes are sensible and attainable. The Mission statement of the Federation reads as follows:

 The Packaging Federation will proactively promote the

**WE'VE** 

**ENGINEERED** 

**OUR WAY** 

TO THE

In this month's Meet the Association, Gall Lea examines the work of one of the youngest - The Packaging Federation - which was set up in December 1992 to promote the benefits of packaging end to combat negative publicity.

industry interest.

pan-industry issues.

The Federation will co-

operate fully with sectoral

stature and importance of the industry, the products which it produces, the benefits which derive from packaging and the industry's responsible concern for both the community and

● The Federation's number one priority will be to improve significantly the perception of packaging by the public, opinion-formers and legislators.

tion, the Federation set itself targets of producing a The Federation will also aim brochure about the benefits of to provide a forum and service packaging, ealled Packaging - a for packaging manufacturers fundamental life support sys-

The ultimate in technological excellence,

quality, and reliability is the hallmark of Karmelle.

A combination of experience, dedication, and

applied skills creates masterpieces of engineering and

makes us one of the world's foremost manufacturers

WAKI FIELD 41 INDUSTRIAL EST. WAKI HELD WE2 0 (U

TH: 0924 870870 FAX: 0924 822847

Call on 0839 772268 or circle number K8-457

of liquid filling systems.

on policy matters of general

trade associations and other bodies in order to ensure that tem, which has been distribthe industry's position is fairly uted throughout the media. It and positively represented on was designed to provide a concise briefing document for In its first year of operabusy journalists which could be kept on file for future use.

It has also been designed for politicians, especially ones on the environment committee as well as member company shareholders.

A Packaging Federation information file has been put together to serve a similar purpose. This consists of an overview of the industry itself as well as individual sheets on various sectors. Again these are designed to provide a suapshot view on the industry, which can sometimes produce ten brochures on just one sector.

Also included in the information file is a policy statement on the packaging manufacturing industry and waste management. Although the Federation is keen to emphasise that it does not wish to encroach on Inepen's remit (see Packaging News, January 1994) it feels that it cannot talk to journalists and the outside world about packaging without talking about green issues, as that is the angle the questions are usually asked from.

Mr Jensen believes that the arrival of the Producer Responsibility Group Plan (see pages 1 and 9) will make talking to journalists easier for the Federation as they can present a positive message about packaging waste.

Political lobbying was the third target set and culminated in a House of Commons reception for MPs on Budget Day last year, where the information file was also launched. Apparently the last packaging industry reception organised was in Harold Wilson's day.

Total turnout at the event was 84, which included 38 MPs and various trade associations and member company executives.

"Structure is

The structure of the Packaging Federation is very straightforward, with no committees, councils or fulltlme secretariat. Secretarial and accounting support services are supplied by the Institute of Packaging for an annual fee and Mr Jensen arranges four meetings a year for the chief executives of the member companies.

Mr Jensen was most recently involved in major To some people this is a work of art.

Riverwood International Europe Rockware Group pic RPC Group pic Sidiaw Packeging David S Smith Packeging Smurfit UK Ltd Sonoco Products Company SCA Packaging Ltd United Glass Ltd John Waddington pic

The Packaging Federation

Member Companies

BP Chemicels Ltd

**BPC Taylowe** 

CarnaudMetalbox plc

Courtaulds Packaging Lid

Fleid Group pic

Lawson Mardon Group

Low & Bonar plc

MCG Closures Ltd

M.Y.Holdings pic

PLM Redfearn Ltd

Plysu pic .

fund raising as the national appeal director for the Cancer Relief Macmillan Fund before coming to the Federation. His hackground encompasses a wide range of senior executive roles with companies such as

**Proactive** the press

ation - which he stresses is a member-driven organisationinclude being more proactive with the 'quality' national; regional, vertical and packaging press as well as other publications such as British Airways High Life magazine and BR's Inter City journal. The idea behind the regional press is to tie in stories with member companies in the area.

lop it in a bigger way.

"We have carried our message to politicians and presentthe media with comprehensive data and inforwill include contact with con-

be contacted at : Sysonby Lodger Nottingham Road, Melton Mowbray, Leics LE13 ONU tel: 0664 500055, fax: 64164.

Procter & Gamble, J Walter Thompson, Spillers, The Pillsbury Company and the Shaklee

This year's plans for the Feder-

Asked what he felt the Federation had achieved in its first year, Mr Jensen says that although initial targets were met, there is still a long way to go. "We have laid the ground-work but we need to take this message out further and deve-

mation but we have not yet got to the public." Plans for 1995 sumer magazines, The Packaging Federation can

PACKAGING NEWS/MARCH 199

This view of the Haemocell plc device for post-operative——and inspection during medical procedures. collection and reinfusion of autologous blood is made possi- In addition to clarity, Kodar® PETG provides incredible ble by Nelipak Thermoforming B.V. and us, at Eastman.

Using Kodar® PETG copolyester, we've created a medical package that's totally unique because it's totally clear which means its contents are always on view for easy identification

toughness and the ability to withstand sterilization by gamma radiation.

Next time you have a product you'd like people to get a good look at, contact Eastman Chemical Company.



**EASTMAN CHEMICAL COMPANY** Specialty Packaging Plastics

The Chemistry of New Ideas

LASTMAN CHEMICAL AG, Brindley House, Corner Hall, Lawn Lane, Hernel Hernscad, Herts., HP3 9YT England. Phone 44-0442 241171 • FASTMAN CHEMICAL A.G., P.O. Box 3263, CFI 6306, Zug 3. Switzerland Phone.41 42 232525 • EASTMAN CHEMICALLED. Suite #05 05805 Winshind House, 3 Killiney Road, Singapore 0923, Singapore, Phone: 65-738 4877 • EASTMAN CHEMICAL LED. P.O. Box 431 Kingsport, Lennesec, 37662 U.S.A. Phone: 615 229-5561 @Kodar PETG is a registered trademark of the Eastman Kodak Company for its glycol modified thermoplastic polyethylene terephthalate. Eastman makes ealy the plastic used in the tinished products and lineratore makes no warranties with respect to such products, ©1994 Lastman Chemical Company

Call on 0839 772268 or circle number (K3-403)

BOTALIHENE LITTING BAKER

An extensive range of BAGS plain or printed, elngles or on

**OSHEETS** — PERFORATED ON THE ROLL **OMATTRESS & DIVAN COVERS** 

GETC, ETC

#### FROM OUR BRADFORD FACTORY

**©CARRIER BAGS, PRODUCE BAGS** GHIGH QUALITY FLEXOPRINT up to 6 colours



Call on 0839 772268 or circle number (K3/406)

...that's

A nigarer office **HATLAPA** Group

perfect handling

Patrick Wright has been appointed a director on the board of Jefferson Smurfit

Jan Schutz has retired as chief

executive officer of Graschy

helped to found and develop.

packaging system out of date?

company. Nick Ward has Group plc. Mr Wright, who is prined as director of marketing chairman and chief executive of Smurfit Ireland & UK, Angus Martin has joined Johnsen & Jorgensen as finanjoined the group in 1974. cial controller at the company's Dartford head office, newly

> relocated to Crossways Business Park. Andrew Covn, general group lirector of Sun Chemical Ltd. the inks and pigments manufacturer, has been promoted to Sun Chemical corporate vice president, in the USA. Mr Cova will continue to have responsibility for Sun Chemial's UK operations.

Paul Hanee has been promoted to be director of design services at international pack Goring Kerr Inc. the US metal design specialist Siebert/Head. detection company which he Damon Evison is appointed technical manager on three-He is succeeded by Alfred dimensional design projects.

ls your

The combination of technical

innovation, wide applications

experience, and a thorough

understanding of your

requirements produces the

optimum packaging solution,

made complete by our project

management and professional

From standalone palletisers,

through upgrading existing

installations to complete

turnkey projects - look to

FTB - optimum performance

For your comprehensive FTH

turnkey catalogue ring today.

guaranteed,

installation capabilities.

Frei, who was previously sales

and marketing director for the

John Regers (left) with Merk Thompson during a treining session

Mike Bradley of Printpack Europe has been appointed vice president elect of the Flexible Packaging Association. He will take over from David Beeby of LMG Smith Brothers, the current vice president in 1995/96 when Mr Beeby takes over the presidency from Barry Nazer of Brand Packaging.

PEOPLE 👬

Jean Luis Vinciguerra has replaced Jean Pierre Ergas as head of Pechiney International's packaging division. He will become president director general of Pechiney International.



Steven Shuder has heen appointed director of manufacturing at the new £13.5 million manufacturing complex of Consolidated Thermoplastics now under construction at the Saweliffe Industrial Estate, Scunthorpe.

Gordon Smith and Tim Savage have been appointed to the board of Greeenups Pack ackaging Ltd, the Sheffieldbased printed packaging company. Mr Smith joins the company as sales director and Mr Savage has been appointed production director.

Eric Gay has been appointed sales and marketing director of Label Converters, the UK specialist adhesive labels printers. Mr Gay has been in the label and packaging industries for some 30 years.

Tom McLoughlin has been appointed sales and marketing director for Supastrip International's division of tear tape and strapping manufacturer P.P. Payne Ltd.

Mark Thompson has been made national field sales manager in charge of all industrial thermoplastic sheet sales for Doeslex Industries Ltd. He will be assisted by John Rogers. Both positions are ereated to meet the demand for Doeflex's recently launched pp products and the company's push into commercial ps thermoforming.

Putil Lucas has been mades technical service representative to provide national support for BASF's Oil Inks division's sales team in all four product areas - carton, sheetfed, heatset and coldset.

John Ball has been appointed" sales engineer by Cintex Ltd. manufacturer of metal detection and checkweighing equipment to cover its Ean Midlands territory.

Peter Bullock has been nude Northern area sales manager of Sortaweigh, a manufacturer d weighgrading and checkweighing systems. Located on the Scottish burders he has responsibility for marketing all Sorraweigh equipment in Scotland and the North.

Sylvie Bon has been promoted? to business automation manager at Fasson Roll Division. She was previously service manager in the division's logistics

Paul Lambert has been appointed manager of filmit products at Sterling Coard Materials Ltd, supplier of silicone coated release liners.

Trevor Beekhurst has joined Jenco, the materials transfer. blending and drying engineer. as sales engineer for the Eastern and South East region.



John Porter has joined BPCC Numeric Arts, as manager of var operations with the objective of developing the company's support for its dealers. distributors and oems. Mike Oswald has joined as account ! manager systems.

Kevin Hallenbeck has been made international sales manager at CCI, the US image processing technology firm.

Brian Dillon has been made group purchasing manager for paper manufacturer Inveresh at Dunfermline. He was recently logistics manager of the group's Ready Drinks Division

# Generic designs help to counter visual violence



Refiliable weshing powdar cena with a beer decoration introduced by Specially Packeging Benefux

Benchiy consumers have the choice of a refillable washing powder can with a bear decoration introduced by Speciality Packaging Benefux, a division of CarnaudMetalbox.

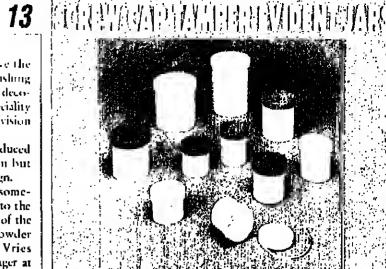
Similar cans are produced in the United Kingdom but do not include this design.

"The bear trend is something special compared to the cisual violence of some of the well-known washing powder brands", says José de Vries marketing services manager at Speciality Packaging Benelux (UK contact: Rock Valley, Mansfield, Nous NG18 2EZ tel: 0623 22651, fax: 653481).

Varnished on the inside for rust prevention, the content of a can varies from 2 to 3kg. It is available in 187 x 1-14 mm width by 160 to 255 mm in height.

A number of other print decorations are envisaged for the re-fill cans, which are already widely used in Europe,

For further (6 Gall for details information 185 0839 772268



Aberintari cerebih kacal di di baharan di ba tradicion de la confidencia del confidencia de la confidencia de la confidencia del confidencia de la confidencia de la confidencia de la confidencia del confidencia del confidencia de la confidencia del confidencia

#### Plastohm uk

PLASTOHM Ltd - Unit 2 PADEMANOR CENTRE - Brookside BELLBROOK Ind Est . UCKFIELD .: EAST SUSSEX . TN22 1YA

TEL: (0825) 768812 FAX: (0825) 768780

Call on 0839 772268 or circle number (KEAKE)

# Inkjet nozzle sealing system stops splash

Solo 6 is the latest addition to Domino UK Ltd's range of continuous inkjet (cij) printers. Located inside a stainless steel cabinet with a durable mem-

brane control panel the Solo 6 features a printhead design that incorporates nozzle scaling, temperature control and selfcleaning.

"The drop generator uses a unique nozzle ! sealing system to give stop and start performance and climinate any splash and it

uses thermal printhead technology to provide stable operation over a wide ambient temperature range," says John Traub Domino's product marketing manager (Bar Hill, Cambridge CB3 8TU - tel: 0954 782551,

fax: 782874). These features have resulted in the intervals between manual printhead cleaning

being extended resulting in less downtime. There is also no need for regular attention so it is practical for situations where the printhead is not easily

accessible and daily or weekly cleaning may not be possible.

AUTOSCANNERS

BAG CLOSERS

BAG FORMERS

BAG FILLERS

BAG SEALERS

BAICCODERS

ROTTLE PILLERS

BULKSTORAGE

CHECKWEIGHERS

FHEEZER BAGS

LAHELMAKERS

HOPPERS

LABELS

NETTING

PALLETS

POUCHES

FOIL CONTAINERS

FLOW WRAPPERS

BASKETS

HOARD

ROXES

RUCKETS

CAICTONS

CASES

Large keys and a back lit liquid crystal display allows messages to be set up quickly and accurately Menu-driven software has been structured to allow rapid access to frequently

used functions - unwanted access can also be locked out using passwords.

Once the code has been defined, it can be stored, alphabetically or numerically with hundreds of thousands of others, for immediate use when rewired. Faults are also reported via the display panels.

...........

# Name change is driven by design

Supermarket chain Gateway's recent decision to do away with the Gateway banner and plump for its own brand name of Somerfield across all its stores has largely been driven by the effect of design, Paul Day, design development controller at Gateway/Somerfield,

tells Packaging News.
With effect from May 1 the Gateway Group will change its name to Somerfield Holdings Ltd. "It has been proven that people are much more confident about Somerfield. We

PACKAGING NEWS/MARCH 1994

have a good design with strong colours, which we have used to make it easier for customers to identify products, Mr Day says. Most of the artwork for the Somerfield brand has been digitally produced, with the graphics supporting the product and the product supporting the graphics, he says.

The Somerfield name already carried by about 60 shops was chosen after trials involving eight of its modernised stores which scored



STACKERS STRAPPING STRETCH FILM STHETCHWRAPPEHS STORAGE BINS TAPES THAY LIDDEHS VACUUM PACKS VACUUM FILLERS WASTE DISPOSAL WAXED PAPER WEIGHING EQUIPMENT

WRAPPING FILM

WIIAPPING SYSTEMS

20-23 March 94 at the National Exhibition Centre, Birmingham, England If you're looking at food packaging, look to Foodex Meatex 94 for the most comprehensive eelection. With over 350 companies exhibiting,

there are 4 whole days to wrap up all your packaging needs & problems! (Last day 9.30am - 5.00pm)

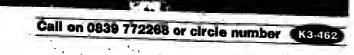
OPEN: 9.30am - 5.30pm daily FREE ADMISSION FREE CAR PARKING

Send coupon today for your free ticket or ring our 24 hour ticket hotline: 0208 694131.

| : من این بادر بادر بادر بادر بادر بادر بادر این می شد. بادر دربان بادر بادر بادر بادر بادر این بادر این بادر ای |                      |   |
|---|----------------------|---|
| To: Foodex Meatex'94, PO Box106, Coventry CV7 9EA. Please send me(number) tickets                               | for Foodex Meatex'94 | 4 |
| Name: Position:   |                      |   |
| Company   |                      |   |

Call on 0839 772268 or circle number (183404)





# Simply the best in plastics containers



# Lca data useu in the battle for milk

The incursion of polybottles into cartonboard's traditional two-pint milk carton market has provoked the Alliance of Beverage Cartons and the show that paperboard cartons produce greater waterborne emissions, while hope bortles produce more air emissions consume more resources, par-



Two-pint polybottle: the preferred aption on economic grounds?

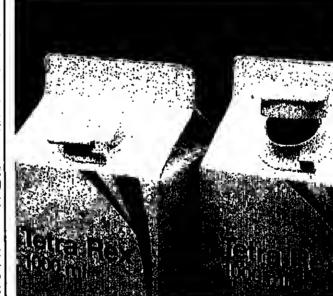
Environment (ABCE) to commission a life cycle analysis (lca) from Pira, the packaging industry research association.

Study objectives were to compare the relative potential environmental burdens of the three options for the packaging of two pints of milk in nonreturnable containers: hdpe bottles produced offsite and on-site and paperboard cartons.

Pira made no conclusions in their report, but findings

ticularly non-renewables and represent two and a half times volume in landfill. In terms of total resource use, the polybottle at 70kg is about 15 per cent more than paperboard at 93kg.

"There is no doubt that for the packing of two-pitt quantities of milk, the paperboard carton has to be the preferred option vis-a-vis polybottles on environmental grounds," Victor Spong, sales and marketing director at Bowater pkl, tells



# Entry-level labelling

Entry-level low-maintenance automatic labelling and overprinting machinery is available from RK Packaging in a modular format adaptable to specific p roduct needs.

As exclusive UK agent for Danish manufacturer Inter-Pac, RK is now supplying its Mark 1000, 2000 and 3000 range of label applicators. Easy set up means that it is easier to get label accuracy correct, says Nigel Reynolds, director at RK (PO Box 22, Huntingdon,

710573, fax: 710577).

"It is an ideal piece of equipment for a smaller company moving into automated labelling for the first time," says Mr Reynolds.

RK, best known as a supplier of packs and materials, will also be representing Danish filling machine manufacturer Primodan Food Machinery AS in the UK.

#### by the ABCE, "We have seen mill, at less than 25 pance : put in polybordes in company son to 25 pence in a carron.

Nick Templeton-Ward, and of Plysu Communers' dairy & juice division, responds to the ABCE report: "Sales from supermarker shelves demonstrate consumers like easy-topour, easy-to-reclose, lightweight plastics milk containers. In my opinion all the report does is to highlight the vulnerability of two-pint carton manufacturers as they watch market shares being eroded by 2 pint plastics containers."

The use of polyhoules for

the packaging of 4 and 6 pints

of milk has been growing

steadily. A decision by some

retailers to specify polyhottles

for the packing of 2 pint con-

tainers will double the number

of polybottles in use, from an

estimated 500 million a year to

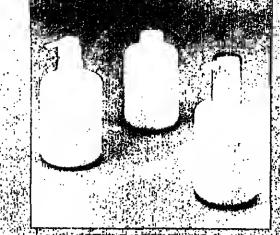
1000 million, says the ABCE (Tel: 091-232 0225). A number

of supermarkets confirmed

on two-pint polybottles.

One supermarket spokesman says: "There is no advantage in polyhottles over eartonboard or vice versa. However, people are converting because of the cost involved.

that they are undertaking trials "It is much more likely to go that way," the spokesman admits. "However, we would "The driver is eennomics", recognises Mr Spong. Allegastay in carbons for one and half tions of discounting were made

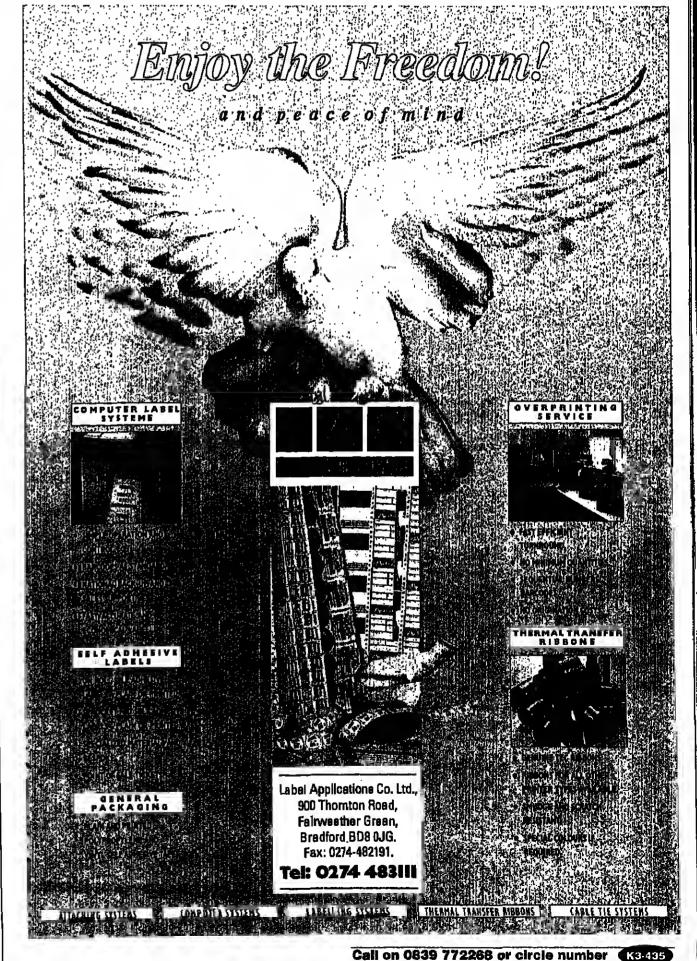


WIEN WINDING WINDS

PREMERSING ENGLAND

PLASTONM LIG Unit & PACEMANOR CENTRE Brookside BELLBROOK ind Eat LICKFIELD : EAST SUSSEX TN22 1 YA TEL: (0825) 766812 :: FAX: (0825) 768780

Call on 0839 772268 or circle number (KS-489



tion was explained in great detail and ouce the powder had been "shaken out", the tin was reclosed by "twisting the cap to mask the holes again."

The Metal Box Co Ltd had designed these closures for its range of standard talcimi powder tins and assured readers that "aithough the closure is powder-tight, it does not fit so rightly that it is difficult to twist off".

was the advent of USE OF METAL flip top cartons used FOILS GAVE AN for the then socially ADDED APPEAL acceptable cigarette. It

was reported that since the change to hinge-lid cartons from slide pack versions, sales of Marlboro cigarettes in the USA had risen by 5000 per cent.

To keep up with this demand, owner of the brand, Philip Morris was reported to have batteries of hinge-lid carton packers working round the clock at two plants. "Each machine requires one operator, who also fills the carton blank magazine, and a girl to keep the cigarette hopper filled." Obviously PN writers felt that readers would know the difference between an 'operator' and 'a girl'...

achets were also making their mark during this time with one of the brands using them for sampling purposes being OMO.

In May, we reported on the first institute of Packaging conference which saw 200 delegates discuss important matters such as secretive practices and standardisation. The conference agreed that

SACHETS WERE

WIDELY USED

the £400 million reck- SHAMPOO oned to be spent on packaging by British

In June 1956 Packaging News began its third year of publication with a monthly circulation of 10,000 and a proud boast of handling nearly 500 readers' requests for further information each month. This trend continued throughout 1957 for the products covered, many of them firsts.

WAXED CONTAINERS FOR CWS CUT MIXED PEEL, MADE

BY THE SATONA DIVISION OF JOHN WADDINGTON LTD,

industry each year would be

reduced, or at least used with

the appointment of a full-time packaging

executive might be the most valuable step a

Exports were also discussed with one dele-

company could make towards greater effi-

gate pleading that "all of us engaged in the

one lather Phon W

ciency and reduced cost.

greater effect, if those at the top of

user industries took it more serious-

ly. The conference also agreed that

AEROSOLS WERE USED FOR A WIDE RANGE OF PRODUCTS



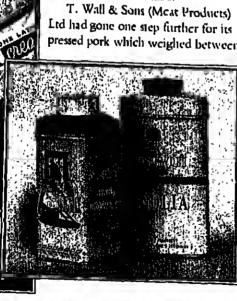
HAD AN AFTER USE AS MODEL HOUSES FOR CHILDREN export trade, and in packaging, get far more together than we have ever done in the past." Sounds as if the conference

social side was taking its toll...

here was also lots of development work on vacuum packs for bacon and cooked hams. The launch of grade FM-1 film from the Goodyear Tyre & Rubber Co (Great Britain) Ltd meant that

irregular shaped products such as poultry, meat and fish could be contour wrapped, while press park was being wrapped in "close-fitting" celhilose films from Viskasc.

pressed pork which weighed between



8-10th, by adopting a two colour printed film This was applied after being soaked in water. This innotersion apparently gave the cellulose film its clasticity.

nder the heading of marketing. PN reported on the new self-service stationery shop that had been opened in New Bond Street, Landon by a company called HJ Ryman Ltd. It was thought to be the first of its kind in Great Britain and Rymans had had to invite stationery suppliers to the shop before opening to the public to try and persuade them to supply their products pre-packed.

service," said Packaging News, Ryman's believed that this method of selling was the answer to delays in service which occured in peak purchasing hours.

NEW WAS A PUSH-ON, PLASTICS CAP FOR TALCUM POWDER, WHICH ROTATED TO REVEAL HOLES

PACKAGING PICTURES KINDLY LOANED FROM THE ROBERT OFIE COLLECTION AT THE MUSEUM OF ADVERTISING AND PACKAGING, GLOUCS - TEL: 0452 302309

PACKAGING/PROCESSING

"Packaging is the fellow-traveller of self

Do you receive Packaging News such month?

isess tick here if you do not wish to receive direct mail 🗌

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

177 173 174 175 176 177 178 179 1 19 1 11 137 133 131 135 136 177 135 136 136 137

143 TT 145 TW 117 TAR TET 150 PST 157 151 IST 155 PSE 157 FS 159 TG 161 IST 163

March 1994 Company name: Do you receive Peckaging News each most Please tick here if you do not wish to receive direct mail Q

Valud only for items is issue dated

March 1994

Free Reader Enquiry Service Valid only for Items in issue dated March 1994 Compasy same:

Do you receive Peckegisg News each month?

Places tick here if you do not wish to receive direct meil

WORDS WORTH CMSH WILL CONVERT YOUR WORDS INTO CASH

Phone Jackie Skeel

081 242 3156

THE LINE SOUTH SOUTH

# LEADS THAT MEAN **BUSINESS**

THE NATIONAL PACKAGING/PROCESSING EXHIBITION

THE POINT THE NATIONAL EXHIBITION CENTRE 19-20 OCTOBER 1994 THE SHOW THAT OFFERS MORE!

The only Irish Exhibition in 1994 that will cover all aspects of the Multi-Faceted Packaging & Food Process Industry

Contact Jim McGuirk, McCan McGuirk Presentations, Greenmouet House, Herold's Cross Road, Dublin 6W, ireiand.

Phone: 532497/532493 Fax: 544179 

# **PACKAGING**

Reader Service **Maclean Hunter Maclean Hunter House** Chalk Lane **Cockfosters Road BARNET, Hertfordshire** EN4 OBR

BUSINESS REPLY SERVICE Licence No WD 2794

# **PACKAGING**

Reader Service Maclean Hunter **Maclean Hunter House** Chalk Lane **Cockfosters Road BARNET**, Hertfordshire

**BUSINESS REPLY SERVICE** 

# PACKAGING NEWS

Reader Service Maclean Hunter Maclean Hunter House Chalk Lane **Cockfosters Road BARNET**, Hertfordshire

BUSINESS REPLY SERVICE Licence No WD 2794





Packaging News Maclean Hunter House Chalk Lane Cockfosters Road BARNET Herts EN4 0BR

ENDS THAT MEAN

PACKAGING/PROCESSING

EXHIBITION

9 **OCTOBER 1994** 

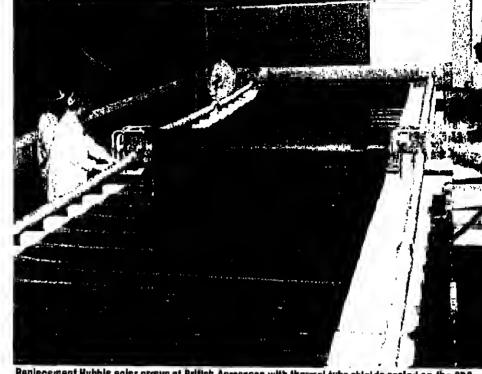
Thermal shields protect Hubble

One of the vital ingredients contributing to British Aerospace Space Systems Ltd's successful role in manufacturing replacement kir for the giant Hubble Space Telescope was a humble SP3 Impulse Sealing Press supplied by Ballinger Rawlings Ltd.

Although the public was regaled with stories about the mission to insert correcting optics to the telescope's misshapen lens, other plans to upgrade its capabilities included the provision of a new replacement set of solar arrays which are subject to degreda-tion due to attack by tiv light.

Unlike most other orbiting satellites, whose armys remain fixed open once deployed, the arrays were designed to be capable of both extension and retraction in line with recoverable design of the whole spacecraft. Following the 1990 launch, the dynamic response of the system, coupled to some stick-slip of contacting components ereated tiny vibrations.

These 'jitters' were initially corrected through software measures but then 'Concertina-type protective thermal shields were produced for the metal tubes which hold the array taut. These comprised large numbers of aluminised FEP/Teflon dises welded together. British Aerospace felt the Joisten & Kettenbaum

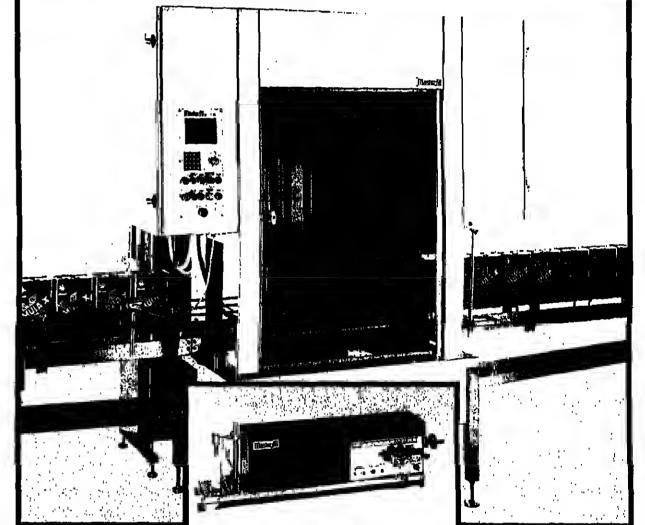


apealeller or tylo Plastohm uk PLASTOHM LID . Unit 2 PACEMANOR CENTRE & Brookside BELLBROOK Ind Bet - UCKFIELD EAST, BUSSEX - TN22 TYA TEL: (0825) 768812 FAX: (0825) 768780

Call on 0839 772268 or circle number (19.440)

The MEUV Theron house

suitable method of welding



# King visits paper museum

Designed specifically for

plastics fabrication work where

dissimilar materials are involved,

the SP3 proved ideal for the

spacecraft manufacturer's pur-

pose, says Ballinger Rawlings

(Balrawl House, Ebberns Road,

Hemel Hempstead - tel: 0442

217555, fax: 60091).



His Majesty the King Carl-Gustaf of Sweden is just one of the latest visitors to the Fravitors Paper Mill Museum which shows how paper was made in the early port of this century. Pictured leff, his Majesty is seen here being guided around the plant - the only one of its kind in Europe - by Sven-Goran Wennerholm, information manager of Froyf.

The Frovifors Peper Mill Museum comprises three restored buildings of the old Frovi paper mill and has developed its dieplay of machinery and ancilliary squipment over the past seven yeers. It is now open to the public in the summer and further defsils are sysliable from Mr Wannarholm (tef: +46 581 37000,

fsx: +46 581 80001).

For further K3 Call for details information 115 0639 772268

#### ............. **Support for Thailand show**

The Institute of Packaging and the PPMA have put their joint support behind a British group Pavilion at this May's ProPak Thailand 94 packaging and food processing show in Bangkok.

The group package is designed to make exhibiting at the 18-21 May show easy, and for a reduced rate of £3934, exhibitors get a fully fitted stand as well as flights and accommodation in Bangkok for two people. Exhibitors do not need to be members of either organisation to take up this offer.

The exhibition has now become the largest packaging and food processing event in Asia and we believe it represents an excellent showcase for British exporters, says Richard Hodgson of the show's UK office (11 Manchester Square, London W1M 5AB - tel: 071-486 1951, fax: 071-413 8230).

The World Packaging Organisation's Worldstar Packaging Awards ceremony will take place during the show.

# Whatever the size it's still a Masterfil

'Can it be a Masterfil?' you said, when we introduced our new Bench Top filler. 'Yee' we enewered, 'we developed it to complement our quality range of single and multihead fillers and ceppers'. And, as with our hendeome Multifil programmeble machine, ettention to detail and build quality,

mark it out ee e Irue Masterfil. New Bench Top Filler (\$1000-HS) ● Volume Renge 5 ml to 1000 ml

 Accuracy ± 0.2%
 Single or multihead Into-neck or diving nozzle

 Volume renge 6 ml to 10,000 ml
 Auto progremmable – 30 progremmee held (option) ● Frame etze - option for 4, 6, 8 or 12 heads • Highly versaille to match your filling neede Telephone or send coupon today, for details of fillers, cappere

> Maeterfil Limited, 17 Fermbrough Close Stocklake, Aylesbury, Bucks HP20 1 DQ Telephone (0296) 25001. Fax (0296) 25002 Telex 83246 MASFIL G

Address Company Post Code

Please tick for full range literature pack or bench top liller Telephone

Cail on 0839 772268 or circle number (K3-454)

PACKAGING NEWS/MARCH 1994

Jacobs Jacobs

ILI

THE NATIONAL PACKAGING/PROCESSING EXHIBITION

# the biggest packaging event in Ireland.

PAKEX & PROCESS IRELAND 94 now in it's 13th year. The biggest packaging event in Ireland held on a blennial basis at the National Exhibition Centre,-The Paint-PAKEX & PROCESS IRELAND 94 will be the only irish exhibition in 1994 that will cover all aspects of the multi - faceted packaging & food processing Industry.

Act now, return this form and participate in the show that means business.

Position

To: McCenn McQuirk Presentetions Greenmount House, Heroid's Cross Roed, Dublin 6W. Ireland.

Tel:(4)532497/(4)532493 Fax:(4)544179 Cell on 0839 772268 or circle number (K3-423)

BASE Aktiengesellschaft (081-908 3188) has acquired ICI ple's West European polypropylene business. Including plants in Wilton, Teeside, and Rozenburg in the Netherlands, the business has a yearly turnover of around £100 million. The value of the transaction represents between one and two per cent of ICI Graup's net assets.

MY Holdings has edded insight Cartone to its list of ecquieltions, which includes, in Januery, Doncester Peckeging. Tha deel, worth £21.25 million, brings the tolded certone businass in MY (0276 452268) up to similer levels ot turnover as its existing corrugeted and thermotorming industries, MY has eleo announced a placing end open shere otter to raise £23

Parkside International ple has made a share placing on the London Stock Exchange worth £12 million, eapitalising the company at £32.8 million, A £2.2 million pre-tax profit is forceast by Parkside (0532 713963) for the year now ending. As part of an ongoing investment programme, the company recently installed a second Windmoller and Holscher 8-colour Starflex press at its Normanton plant,

FMC Corporation (010 1 414 4944571) has expended its plestics begmaking mechinery puolness with the ecquieition of Belgian compeny Printex, which manutectures e range o bottom seel, twinseal and sideweld oquipment.

Alusuisse-Lonza is launching a \$276 million rights issue to cover part of its takeover eosts of Canadian packaging group Lawson Mardon. The takeover is likely to double the sales of its packaging division, says the wiss company.

Akeriund & Rousing (A&R) and Eurepek are likely to be



OMPANY NEWS

merged, tollowing a prailingnery egreement by respective perent compenies Store end Ahletrom, which will each own 50 per cent of the newly-creeted company. Full ownership by Ahistrom is expected within two years, seys A&R (010 46

Printpack Europe Ltd has acquired the shares of UCB Packaging Ltd (Pakcel), including both the St. Helens and Gainsborough sires. The group now created has a turnover of almost £100 million, says Michael Bradley, md of Printpack Europe (061-764 5441).

The Bibby Group is to releunch lie paper, solance products and agricultural divisions as a seperote company. Investment in its UX speciality paper business hes included a £1,2 mlillon order tor e flowbox and aesociated equipment et Henry Cooko Makin (05395 63363).

ChamCar (UK) Ltd has been created by Papierfabriken Clum-Tenero ag as its UK sales company following the acquisition of Cartiera di Carmignano. The company is a joint venture

between Cham-Tenero and its existing agent Jahn Heyer Paper Ltd (0622 882277).

LR Heelthprint Specialiets is to join Boxmore international pic, which has tecilities tor printing cartons and labels in Northern Ireland, but not in melnland Britein. The directorship of LR (061-668 0827) will remain as it is.

Saverglass, represented in the UK by Johnsen & Jorgensen (0322 291111), has opened its second glass furnace. Total investment at the company, which produces bottles for premium wines and spirits, amounted to £23 million.

Oragon Plastics has matched a 25 per cent annual growth over the lest three years with over £1.5 million axpenditure on cepitel equipment over the sama period. The closure manutecturer (0443 841341) commissioned thras injection moulding mechines in 1993.

SIG Packaging Technology's Dohny division has announced the appointment of Soutex 1.1d (0274 872299) as the North of England official distributor of

its range of bag sealing machines. Paladin GP Ltd 3 (0506 880078) will represent the range in Scotland. Applications for the South of Englad are still being sought by Dobay (0332 626262).

Soag Machinery is to concentrate lie activities on web prass sales and caese ediling sheet-fed mechines. Service and spare peris will be conficued tor existing inetalletions, Bays Song (0908 690456),

Battenfeld Blasformtechnik Grahl t (0494 450841) holds 248 per cent interest in W. Mulle 12 Gribt t and plans in take ore the company by 1995. Muller manidactures long-stroke blowmonthling machinery.

At Cambridge Ltd (0223 834420) Is to tocus lis attention on leak detection end chromatography products, loaving ion Track instruments In the US to concentrate on security products.

Mead Corporation reports world sales in 1993 increasing to \$4.79 billion. Earnings in 1993 showed a 14 per cent growth on the 1992 figure.

# Multiheads enhanced

A range of multihead weigher mudels to be launched by Ishida Europe Ltd is said to have the most advanced specification of standard equipment and features available.

Development work on the range has concentrated on enhancements which are said to improve the performance of the weighers and reduce downtime by simplified maintenance and cleaning facilities, combined with user-friendly control systems.

An example of this is the icon-driven display which allows progression through the various information and operation screens via the touch of the appropriate key on the dis-

On the maintenance side, all hoppers and radial feeder

troughs are completely interchangeable for easy day-to-day after cleaning. Also developed is special software which

enables hopper doors to be held an the open position for casy cleaning.

The full range will be introduced throughout the year but already available are the CCW.RZ.214W-S/15 and CCW.DZ.210 models. The lits) is a compact, 14-head weigher aimed at fast, high volume lines in the snacks and confectionery industries.

Trials have shown it is capable of handling 30g packs of potato crisps at a consistent 100 weighings a minute, says the company (Crystal Drive, Smethwick, Warley, W Midlands B66 tR] - tel: 021-54 1441, fax: 021-544 4659). The raher model was first seen at last year's PPMA show but now includes two additional software features which allows this 10-head mait to perform to the same accuracies as the 14head versions.

For further K3 Call for deta

Albiguruffburup with alkind the construction ecanos el la perferencia de la constitución de CHECKER THE CONTRACT OF THE CO

#### Plastohm uk

PACKAGING DIVISION PLASTOHM Lig Unit 2 FACEMANOR CENTRE - Brooke)de BELLBROOK Ind Est - UCKFIELD - EAST BUBBEX - TN22 YA

TEL: (0825) 768812 FAX: (0825) 768780

Cell on 0839 772268 or circla number (K3-441)

# Machinery courses

A range of specialised and targeted packaging machinery courses have been put together by the PPMA and the Institute of Packaging, to cover a range of equipment in some depth.

An introduction to packaging machinery - designed for newcomers in the field to give a comprehensive overview takes place on the first day -April 13 - at a cost of £110 +vat. The next morning, new developments in filling, closing and labelling machines will be covered (£55 +vat), while in the afternoon, new developments in end of line packaging machines will be the featured

Developments in form, fill and seal machines will be covered in the morning of the 15th (£55 +vat), while in the afternoon, developments in cartuning and wrapping machines

will be outlined (£55 +vat). Anyone wishing to attend all five modules, or just one section, can gain more information from the IOP (tel: 066-1 500055) or from the PPMA (tel: 081-681 8226). All of the speakers will come from the PPMA member companies as well as its general secretary, Andrew Manly and its technieal adviser, Martin Keav.

# VARIABLE INFORMATION LABEL PRINTING ?



Eliquette from Alpho-Numeric International is the total system solution for on-demand lobelling, barcode scanning, computer to computer communications and database

Etiquette is available in a wide range of European languages and con be used as either a stand alone or fully networked system.

Eliquette is suitable for use with all well known makes of printer. Sophisticated graphics, barcades, logas, pictures and text in virtually unlimited typestyles and ta any size ar orientation con be printed on-demand.

Simple on-screen design technology allows the user ta print the label exactly as it appears on the screen. With the additional in-built facilities for direct computer to computer cammunications and borcode scanning for accurate dato copture, Etiquette is everything you'll ever need - and more. If you would like a free demo disk please telephone or fox us with your

it's everything you'll ever need... ...and more.



Creative Electronic Labelling Solutions



Alpha-Numeric International, Alpha-Numeric House, Furlang Road, Bourne End, BUCKS, SLB 5AQ, Tel: 0628 810180. Fax: 0628 810157





Henfordshire ALS 2]B Tel (0582) 764431 Fax (0582) 768608 Call on 0839 772288 or circle number (13.472)

PACKAGING NEWS/MARCH 199

Measom Freer (Sales) Ltd. trijectoid Works, Pullmen Road, Wigeton, Leicester, LES 2DE, England, Tet: 0533-881588, Fax: 0533-813000

JUBILEE RANGE BOTTLES

Sizes from 10ml to 500ml, delivery from stock.

. Plugs, dispensing spouts & alternative caps

. Other bottle ranges available in PVC & Polythene.

Full range of packaging items available from stock —

Boxes, Tubes, Measuring Scoops, Hand Scoops,

High Quality Natural HD Polythene,

Spatulés & Bag Fastenere.
MANUFACTURED IN ENGLAND BY:--

PACKAGING NEWS/MARCH 1994

. Colours to order.

. Screenprinting if required."

avallable.

FROM STOCK

Call on 0839 772268 or circle number (K3-460)

Call on 0839 772268 or circla numbar (K3443)

# Controlled carton handling

toning machine available from French manufacturer Kalix offers controlled handling for premium perfume and cosmetics products packed in high quality cartons.

Positive opening of cartons, with the sides gripped by suction arms, means that frietion - and hence scratching on the outer surfaces is avoided. According to UK agent Swiftpack Automation, though the mechanism is not revolutionary, on the KPS machine Kalix has chosen to use it for a type of pack where other designers would not consider it necessary.

Transfer of the eartons is carried out not by comb grippers, which can damage packs, but by flexible bands which hold them at top and bottom.

According to Kalix, this mechanism also means that recycled board packs can be handled.

Changes to pack dimensions can be carried out in less than eight minutes, says Kalix, using cranks linked to digital controls. The machine's compact format, just 1.2m length x 1m width x 1.25m height, is a major advantage.

"We already deal with the pharmaceutical industry extensively and will be taking the machine to them as well, on the basis that it is so much more compact than anything else available," says Peter

Harris, md of Swiftpack (3 Arden Road, Alcester, Warwicks B49 6HN - tel: 0789 400880, fax: 499780).

Speed of cartoning depends on pack size, says Swiftpack, but throughout the priority is safe and damage-free handling. Flap closing is carried out while the pack is stationary, removing the risk of error by reducing the number of controls, according to Kalix.

The system is enjoying success with the French perfume and toiletries market. Kalix supplies a range of cartoning machinery, up to large size formats. Tube and bottle filling equipment is also available.



The custom-movided bottles are enhanced by multi-colour salf-edhesive labels, printed by latterpress 🚉

# High-gloss bottles for sauces

Use of high-gloss multilayer polypropylene bottles from RPC Containers Corby is being extended by HP to its Fruity and Barbecue Sauce ranges.

Originally introduced last year for the original HP Sauce, the custom-moulded bottles use different formulations for the body and outer surface, with a layer of evoh as barrier.

Sizes produced are 550g for the Fruity Sauce bottle and

Introduction of these packs follows the success of the 850g HP bottle in the same material. Neck labels emphasise the squeezable' bottle type. With a specific brief from

Shelf impact derives from the combination of the highgloss bottle and multi-colour self-adhesive labels printed letterpress, says the company. HP is marketing its Pruity brand as an alternative to

tomato ketchups. "Over 40 per cent of tomato ketchup is now packaged in plastics but-

tles, and 60 per cent is iz packs over 500g in size," explains senior product manager Katy Lockwood.

HP, design was carried out inhouse by RPC (Sallow Road, Weldon Industrial Estate, Corby, Northants NNI7 5JX - tel: 0536 263488, fax: 205493) minute changes to HP's specification could be made with the moulder's ead system.



# by compacting

By being able to provide both on-site compactors and centralised recycling capacity, Monoplas Industries is making collection and reprocessing of transit eps viable for all concerned.

Based near Halifax, plasties recycler Monoplas recognises the importance of collection and compacting, especially with a high volume product such as eps.

Investment in its compacting equipment - whether purchased or leased - is cost-effective, says the company, with equipment able to reduce up to 275kg an hour of material to square blocks, so allowing easy transit for reprocessing. Unlike other equipment available, the units are themselves compact.

The advantage for cusnomers of Monoplas, says md Mike Lloyd, is that the costs associated with skip hire and landfill are avoided. These costs can be halved by using his own recycling route, he says.

One major area of production for the company is for Timbron wood substitute material. Compacted waste eps is reprocessed with colourants to allow a wood-grain effect when the granules that Mono-

plas produces are formed into the final material.

Of the £2 million that the company is now investing, £500,000 is likely to be spent on a German regassing system for reprocessing clean industrial waste for second life eps applications.

By being able to undercut the prices of virgin material, the company has been in a position to interest a major polymer supplier in its process.

Mr Lloyd is clear about the options: "If you're going to recycle, you recycle for profit. If not, you should burn the material for energy."

By striking deals with some of the major manufacturing and high-street users of transit packaging, up to 40 tonnes a month of waste eps is being collected by Monoplas (Allen Works, Badger Lane, Hipperholme, W Yorks - tel: 0422 201161, fax: 205676).

Mr Lloyd is looking at the feasability of setting up a national collection infrastructure for postconsumer eps transit waste. Pilot schemes are being organised with local authorities. Currently Monoplas recycles around 260 tonnes of eps a month.

# Aiding eps transit | Planning pallet loading of mixed product

Display pallet loading of mixed product can be planted easily and efficiently using a software system from Cape Systems.

height can be built into indi-

Display Pallet, the first module of Cape's Load Builder programme, is designed to cater for the warehouse club type of display. Product can be grouped vertically or horizontally on the pallet, and limitations such as the orientation and relative postitions of different packs, angles, and minor amendments maximum pallet weight and

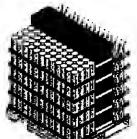
ing director Peter Ayling, the system is unparalleled in ease of use, quality of graphics and range of output formats. Input

According to Cape market-

has come not only from the software company over the two years of development, but from large manufacturers with experience in this type of palletising. The same paller load can be viewed from different

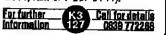
easily made. One feature of the

to load configurations can be



package is an ability to pinpoint the centre of gravity of the total load, and calculate the given elements.

The system can generate 3D graphics to compare on screen, print out and hand on to the retailer. This ability to communicate display options accurately to retailers will be a great advantage to manufacturers and packers, says the company (40-41 St Olav's Court, City Business Centre, Lower Road, London - (el: 071-237 2444, fax: 071-237 3144),



#### THE CHOCOLATE BOX! THE MEDICINE! THE TEA-CARTON! THE BANDING THE SHRINK-THE CARTO-WRAPPER! MACHINE! STRETCH! Contact us for more information, Sollas U.K. onlact us for more osollas osollas TELEPHONE 0256 896930

# CUEPRINT LTD

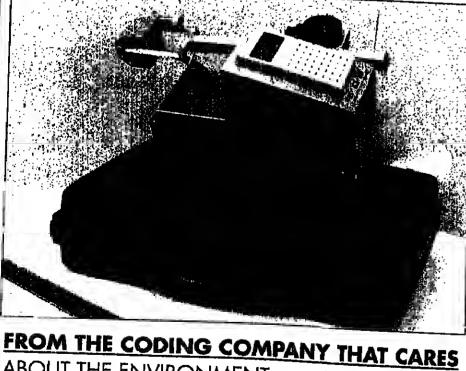
# CODING WITH THE BRAND LEADERS

The compect KPS unit from Kalix is designed for delicate packaging of perfumes and cosmetics certons

3 EASY PAYMENTS

•LYONS SEAFOODS •DUNLOP

IF YOU THOUGHT YOU COULD NOT AFFORD AN INKJET PRINTER **READ ON:-**



ABOUT THE ENVIRONMENT : NON MEK INK

ABOUT YOUR BUDGET

IF YOUR ONLY NEED IS TO PRINT A BATCH CODE OR EAT BY/USE BY DATE WHY PAY A FORTUNE FOR A MACHINE THAT DOES FAR MORE THAN YOU NEED INTRODUCING THE NEW

CUEPRINT ELITE

\*ONE COMPLETE MODULE \*CARTRIDGE INK SUPPLY **\*FREESTANDING OR FIXED \*EASY TO USE** \*DROP ON DEMAND TECHNOLOGY \*NO MESS

**ALL FOR UNDER** £3500

ALL YOU NEED IS A 13 AMP SOCKET . PLUG IT IN . AND START CODING ON LINE Compton Place, Surrey Avenue, Camberley, Surrey GU15 3DX Tel: 0276 691730 Fax: 0276 686895

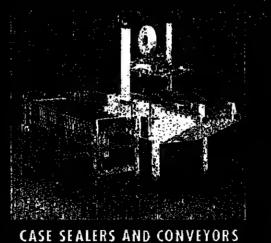
INK JET PRINTING SCIENCES

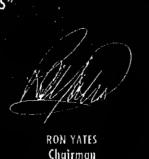
Call on 0839 772268 or circle number (K3-458)

PACKAGING NEWS/MARCH 1994

NDOLINE is a world class British manufacturer offering a wide range of end-of-line packaging machinery from a semiautomatic case sealer to a fully automated packaging line.

"We pride ourselves on our engineering expertise, product quality, after sales service and pursuit of the corporate objective TOTAL DEDICATION TO CUSTOMER NEEDS"





CASE ERECTORS AND PACKERS

Call on 0839 772268 or circle number K3-426

ENDOLINE MACHINERY LTD, STRATTON BUSINESS PARK, LONDON ROAD, BIGGLESWADE BEDS, SG18 8QB. TEL: 0767 316422.



ENDOLINE World Class...

Call on 0839 772288 or circle number (K3-428)

#### Nellonel Pecheeine Plus

Exhibition, Wernbley, London David Shepherd, AES Events Ltd, 10 High Street, Purley, Surrey CR8 2AA - let: 081-668 9229, tax: 081-668 9239

#### 6 March Terraloc

Trade fair and congress for environmental engineering and environmental protection, Leipzig, Gormany, Inlech Overseas Fairs Ltd, P.O. 8ox 142, Rochesler, Kent ME3 7NR - lei: 0474 824092 6-10 Merch

#### Crealivo Peckaging

Show, NEC, 8 irming ham, Reed Exhibition Companies (UK), Oriel House, 26 The Quadrant, Richmond, Surrey TW9 10L - let: 081-948 9800

#### 8-10 March

Packaging exhibition, Philadelphia, USA. Reed Exhibition Companies, Oriel House, 26 The Quadrant, Richmond upon Thames, Surrey TW9 10L - lel: 081-948 9900

#### 6-10 March Licuidex

Liquids handling, storage and processing exhibition, Harrogate, OMG Tilmity, Times House, Station Approach, Rulslip, Middx HA4 8N6 - Iel: 0895

#### B-12 Morch

Leipzig Peckaging Feir Trade fair with symposium on packaging and the environment, Intech Overseas Fairs Ltd. P O 8ox 142, Rochesler, Kent ME3 7NR - tel: 0474 824092 10-13 March

international packaging exhibition, Tel Aviv. Israel. Israel Trade Fairs Center. PO 80x 21075, 61210 Tel Aviv, Israel lel: 972 3 646 2422 12-16 March

#### PFP Expo

Printing/Foodtech/Plaspack exhibitions, Guangzhorr, China Adsale Exhibition Services, 21/FL, Tung Wai Commercial Building, 109-111 Gloucester Road Wanchal, Hong Kong - lel: 852 511

PPIMA

For many information contact Anjirla Locke at

South Croydin. Surrey CR2 6AN

PPMA Ltd. Progress House, 404 Brighton Road.

Tel: 081 681 822b Fax 081 681 1641

T T TATU

#### 16-17 March

Peckprini & Paper Exhibition, Ho-Chi-Minh City, Vielnam, Glahe International Group, PO 8ox

800349, D-5000 Cologne 80, Germany tel: 49 221 61 24 18

#### 14-16 March De voa Recycle '94

Global lorum and exposition, Congress Centre Oavos, Switzerland Maack Business Services, Moosacherstrasse 14, CH-8804 AU/ZH Swilzerland - tel: 01-781 30 40, fax: 01-781-15 69 15-16 March

#### Propech 94

Conference, 1 George Street, Landon Sue Wallis, Propack 94 conference manager, Pira International - tel: 0372 378161

#### 20-23 Merch

Foodex Meetox 94 Exhibition, NEC, 8 irmingham The Organisers, Foodex Meatex Lid, PO 80x 106, Coventry CV7 9EA - tel: 0203 644200, lax: 0203 644911

#### 22-24 Merch Environmental Tachnology '94

Exhibition, National Exhibition Centre. 8irmlingham. Sara 6inns, Reed Exhibitions, tel: 081-948 9940, or Adrian Wilkes et Environmental Policy Consultants, tel: 071-372 7122

#### 22-24 March Denish Peckeeing Feir '94

Trade fair, Odense, Donmark, Tage Christensen, project manager - (el: +45 22-23 Merch

#### Pira MIS exhibition Exhibition of management information

systems, Woburn Abbey, 8eds. Melanie Pheasant, exhibition co-ordinator, Pira International - tel: 0372 376161, lax: 377531

#### 24-29 Merch

Exhibition of mechanical handling. packing, packaging and food processing machinery, Fiera Milano grounds, Italy Segreleria Operallya, Ipack-ima srl, 62 (02) 481 43 25/65

#### West Chester, PA 19382, USA - tel. 1 215 436 4220 12-14 April

Solidox 94 Solids handling exhibition, Harrogate David Tinsloy, exhibition manager, DMG Trinity Ltd, Timos House, Station Approach, Ruislip, Middx HAt 8N8 - lel 0895 677677

#### 12-15 April ProPak Acie: Food Processing &

Peckogine Exhibition, Singapore Singapore Exhibition Services, 11 Ohoby Ghaut, 15-09 Cathay Suilding, Singapore - lei-65 338 4747

#### 12-15 April ProPak Asia 94

international lood processing and packaging exhibition and conference. Singapore. Andry Monigomery Ltd, 11 Manchesler Square, London W1M 5A8 lei: 071-486 1951, lax: 071 486 8773 12-16 April

#### Packaging exhibition, Nizhny

Novogorod, Russian Federation - lel: 8312 441 883 13-74 April **Courth West Peckaging Plus** 

#### Exhibition, Forte Crest Hotel, Bristol. Oavid Shepherd, marketing co-ordinator, AES Evenis Lid, 10 High Street, Purley,

Surrey CR8 2AA - lel: 081-668 9229 Peck 94 Exhibition, Istanbul. Tüyap Fairs and Exhibitions Organisation, Gazefeciler

#### Esenlepe-Islanbul - tel. 90 1 267 67 04 18-21 April TRI-PEX '94 Plasiico & Rubber

Exhibition, Expo Centre, Sharjah, United Arab Emirales TRI-PEX 94 Plastics &

#### Exhibition, Harrogule DMG Trinit Times House, Station Approach, Ruishp, Middx HA4 8NB - tel: 0895 677677

10-13 May AgroBelt International trade lair for the agricultural, lood and packaging Industries, Vibilus, Lithuania. IFW Heidolberg, Landfriedstr. 1 A, O-69117, Heidelberg - let: 49 6221 16 70 43

#### Nakamura-Ku, Nagoya 453, Japan - 19/ 1D-13 Mey Теспорах

Exhibition, New York - Let: 1 708 390 11-14 Mey Internation exhibition of machinery and materials for package processing and production, Seoul, Korea. Reed

#### 27-26 April **Bealtish Peckeging Pluc** Show, the Glasgow Merriott Hotel.

Exhibition Co - tel: 081-948 9900

20-24 April

Chubu Peck

81 52 452 3162

Interphex USA

28-26 April

26-26 April

2420

Packaging and lood machinery.

packaging materiats and equipment

show, Nagoya, Japan, Central Japan

Packaging and Machinery Builder

Association, 2-4-10 Kamerima,

Anderston, Glasgow. Oavid Shephard. marketing co-ordinator, AES Events Ltd. 10 High Street, Purley, Surrey CR8 2AA - lel: 081-668 9229 30-4 April/May

#### Nellonal Internellonel Sele Transil Association conference Conference, Las Vegas, NISTA

headquariers - lei: 312 645 0083 2-6 Mey Exhibition, the Utrecht, Jaarbeurs. The

#### Organisers, PO 80x 6500, 3503 RM Mah , Saglam Fikir Sok, No. 19, 80300 Utrecht, Holland - tel. +31 30 955911 2-6 Mey

International trade exhibition for lood processing and packaging machinery, Sao Paulo, Brazil, Alcantara Machado Feiras E Promoções, Rua Brasillo Machado 60, Cep-01230 Sao Paulo, 8razil - tel: 55 11 826 9111

#### Centre, Birminghani. Stopherr Ward, Enterorise Public Retations, 165 Kensington High Street, London W8 6SH - Jel. 071-938 2319

#### International packaging exhibition, Madrid, Ifoma, Parque Ferial Juan Carlos 1, Apdo Oe Coneos 67067, Madrid E-28080 - tel: 34 1 722 5000

International automatic identification and barcode technology and equipment exhibition, Hong Kong. Susiness and Industrial Trade Fairs, 18/F Flist Pacific 8ank Center, 51 Gloucester Road, Wanchai, Hong Kong - lel: 852'865 2633

#### 16-21 Mey Print Expo Infernational, Ms Ule Windhausen,

Trade fatr, 8eijing or Shanghai. Nowea Postfach 10 10 06, 40001 Ousseldorf tel: +49 211/4560-720 17-16 Mev

#### Northprint '64 Graphic arts everil, Harrogate Exhibition Centre, Katrina Rowbury, Reed Exhibition Companies - tel: 081-948 9800, fax: 081-948 9877 16-16 Mey

Exhibition of chemical raw materials used in the manufacture of paints printing inks and adhesives, the Hono Kong Convention and Exhibition Centre, Hong Kong Jane Malcotm-Cos, 2 Oueonsway, Redhill - let: 0737 758611 16-21 May

#### Auto-ID Automatic Identification and barcode lockelogy exhibition, Singapore. **Bushoss and Industrial Trade Fairs.** 18/F First Pacific 8ank Center, 51 Gloucoster Road, Wanchat, Hong Kongtel: 852 865 2633 16-22 Mey

#### **FUTURE EVENTS**

25-31 May 1894 Tet: 071-794 0166 20-25 June 1994 Corrugeted 64 Tel: 081-948 9800, fax: 081-948 9877 20-23 September 1994 Convertex 1894 Tel: 081-948 9800, lax: 081-948 9877

PPMA Show Tel: 081-681 8226 14-19 November 1994 Embellege Tel: 010 33 1 4039 1529 3-7 April 1995

071-794 0166 14-16 November 1996 PPMA Show

Asie-Pecific Coatings Show

# 27-29 September 1694

Tet. 081-681 8226, fax: 081-681 1641

#### unfold the solution

Fox-a-Form is the original solution for on pack information and was devised expressly for the agreehenical industry

eaflot-labels me necessary - but mol them more effective by using pictograms and reduce packaging by ncluding multi-lingual instructions.

For line samples contact:

#### Fix-a-Form

nholl Read, Bury SI Edmunds, Suffelik IP32 Tel: 0284-701381

Call on 0839 772268 or circle number (K3-420)

#### Via C Ravizza, 1 20149 Milano Mi - tel: Rubber Exhibition, P O 8ox 923. Crownhill, Million Keynes Mk8 OAY -5-8 April lel: 0908 561444 3-7 May Graphitec 94 19-21 April Propech (Eurotech) Exhibition of graphic arts industries, Flex Expo International packaging exhibition. Paris, SEPIC, 1 Rue de Parc, F-92593 Flexible packaging exhibition, Dallas Brussels, Foire Internationale Ce Levallois-Perret, Cedex - tel: +33 1 49 Convention Cemier, Texas, USA. National Bruxelles, Parc Des Expositions, Place 68 54 42 8 lenheim Expositions, Fort Lee De Seigiquo, Bruxelles 8-1020, Seigium 6-6 April Executive Park, One Executive Orive, - lel: 32 2 477 0477 Fort Lee, New Jersey 07024, USA - tel: Packeging eiralogies 10-12 May Conference, Swissôtel Conference 1 800 829 3976 Control and incirumentation Center, Atlanta, USA, Packaging 20-21 April exhibition '94 Strategies, 122 South Church Street Hendling and Storege Exhibition, the Netlonal Exhibition

on everyone's lips

27-29 September 1994

THE P. P. M. A

The Frendly Show

The Premier Machinery Show for

Processing and Packaging at the

The show that's

NEC in 1994

#### NEW! **PACKAGING NEWS** RAPID RESPONSE READER ENQUIRY SERVICE

For more information from any of the advertisers in this issue of PACKAGING NEWS, simply call our Hot-Line number 0839 772268 (Lines open 24-hours) and leave your name & address and advertisement reference number(s).

READER ENQUIRY SERVICE

(Note: Cells cost 35p s minute cheep rate and 48p s minute at all other limes. A call to this number should last around one minute, service operated by Teletink Ltd., P.O. Box 100, Cosham, POS 410)

Call on 0839 772268 or circle number (K3-412)

0839 772268

PACKAGING NEWS/MARCH 1994

Multi-national production keeps us close to customers.

Leaders in Plastics Containers

Plysu Containers Limited, Woburn Sauds, Bucks M&17 BSE 1e : 0068 532311

area around Bologna, the packaging machinery industry has increasingly sought specialisation in other areas, notably tobacco and pharmaceuticals.

Automation in tobacco and a healthy pharmacentical industry, at least abroad, have holstered sales. But the food industry has remained the backbone of the sector, and has helped insulate it against recession.

An exhibition that recently opened in Bologna traces the history of the sector in and around the city. Though the agree, the story for Bologna mirrors and explains the machinery story for Italy as a whole. Vittorio Cappecchi of the

University of Bologna identifies several reasons behind the development of packaging technology in the area. He uses the phrase "flexible specialisation": this once meant exclusively the production of machines suited to specific customer needs, but now increasingly involves flexibility within standard pieces of equipment.

**FOLDING BLISTERS** 

**▶ TOTAL PRODUCT VISIBILITY COMPLETE PROTECTION** 

BLISTER CARDING SKIN CARDING CONTRACT PACKING

Hotline 061-727 8424



# Italian machines in high demand

Last year for the first time, each of the exchange rate on the lira. of Italy's three major competitors in the packaging machinery sector - the USA, Germany and Japan - cach imported a greater value of Italian muchinery than they exported of their own to Italy.

Guido Corbella, the director of UCIMA (the Italian association of automaicpackaging

manufacturers), stresses this 'first' as the most significant indicator, internationally, for the machinery sector.

The background to this expansion is a record proportion of machinery sales going to export, with this figure likely to stand at 75 per cent of production by the end of the year.

Other data speaks for itself. Revenue from packaging machine sales in Italy rose 10 per cent year on year between 1992 and '93. Export is especially healthy, largely because

the developed world: Italy was one of the first countries to put effort into machinery exports to mainland China. Central and South America also include some rapidly growing markets. And while the EU market is almost saturated, demand grows in the developing world.

But Dr Corbella points out

that only a sector having, as his

own machinery industry does,

an edge in technical innovation

general situation.

can benefit from the more

Since prospects for the

depressed domestic

market remain

depend on export

even more, Nor is

this success limited

to trade partners in

Traditionally linked to the domestic food industries, especially in the Emilia Romagna



#### Proud materials record

Just as halls at Ipack Ima are being devoted to food processing machinery, sections will concentrate on materials and packs. Quite apart from the clear and close link between this area and packaging machinery, Italy can be just as proud of its track record in materials and their application in pack design as in the widely recognised area of technology.

quick to respond to the growth in Europe-wide links, as witnessed by the cooperation between British company Aguasol (0277 301352), German thermoformer Kramer & Grebe and Italian film converter Alcam on water soluble packaging.

Similarly, flexible packaging converter Safta (010 39 523 5981) has been working with Zeneca's biodegradable produet Biopol. This again reflects a sensitivity to the demands in particular of the German consumer, and makes the company the first to invest in the product to the degree where it is now in a position to produce Biopol film on an industrial scale.

conspany has found itself serving multinational companies, and needing to internationalise production to compete. Bornioli's answer was to combine its activities with the French BSN Group with its production capacity at Masnicres, says Bob Broomfield of Bormioli Rocco (UK) (0895 272115). As with other European

For glass manufacturer Bormioli Rocco, the story is a

positive one. Increasingly the

countries, interaction between the UK and Italy with regard to packs and products can weave quite complex patterns. The London office of Italian/British designer Minale. Tattersfield & Partners Ltd was responsible for the graphics on film around Motta cakes for the Italian market.

Converting and packing is carried out in Italy but, says the designer (081-948 7999). Motta is currently considering distribution in the UK.

Contact Ipack Ima on 010 39 2 4814325, fex: 48008199, for exhibition information

THE WAS INCOMES THAT THE STORES remiteriffen. Apfrifffer bled. gift illebadt fie beitere fort bindelte in und ingenen eine erestindliffe Tall Completion and property and property of the property of t Line rate by they to market by .

districted stor or or college so:

Domino

Domino UK 1rd. Bar Hill. Cambridge CB) STU :: (0954) 78255) | Telex: 8|8784 | Fax: (0954) 782874

Call on 0839 772268 or circle number (KS-474)

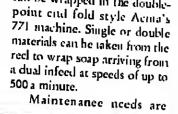




# Soap wrapping in style Brushless motors can be wrapped in the double-

international image on the Acnia GD stand will be a high speed soap wrapper, while the Corniani division of the company will show its RCCA filling/eapping system.

Oval or rectangular tablets



SPECIAL P.P. SELF ADHESIVE TAPES FOR PACKAGING.



use this adhesive tape, IT HAS NO SOLVENT and

WILL STICK WITH TENACITY ON YOUR RECYCLED CARTON

minimal, says Acma, and the whole soap line can be monitured by a single operator. When changes or maintenance are necessary, accessibility is said to be good. Another advantage is the low noise level of the machine.

Size changeover is fast and easy, but the system can also be equipped with automatic positioning and timing adjustment, which allows complete changes in 15 minutes. Up to 0 soap bar sizes can be stored in the product memory.

Acina and Corniani are represented in the UK by GD Automatic Machinery (Vauwall Road, Maidenhead, Berks SL6 4UB - tel: 0628 771959, fax: 770907). Stand: B62, Hall: 17



# move product gently

shown will be the Eurolold,

which wraps product such as

Feeding systems shown by Eurosiema will include the Smart Distribution system, complementing the wrappers also on the stand.

The Smart system interfaces between the production unit - whether moulder or

and the wrapping and packing line. Transfer belts driven by brushless niotors move prod-

biscuits or wafers on-edge. Pack size range on the 200W uct without machine for wafers is from damaging it. Control is via a 100 x 30 x 15mm up to 260 x touch sereen, and simplex or 100 x 30mm. Top speed is 120 duplex versions are available. packs a minute.

The Eurofold: wraps

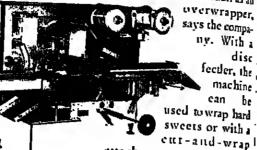
delicata product such

as biscults and wafers

Among the wrappers to be

machine has been redesigaed to wrap a much wider produc range, says the company (Vi M Buonarroti 6, 20090 Segrae (Milan), Italy - tel: 010 392 2137241, fax: 2137868).

As a primary wrapper, the Furo 85 can be fed directly by a system such as Smart, or a ! can Innction as an



attachment, to wrap toffeet and gums, at speeds up to 1200 nieces a minute. Florizontal pillow packing is achieved by the Euro 75 for

small and medium size product Stand: D48, Hall: 17

Eurosiema's Euro 85

# Servo-motor multihead is suitable for ffs link

A servo-motor version of its MTS multihead weigher will be shown for the first time by Simionato, working in combination with inclined ffs machines for delicate product and a packing line for short pasta.

MTS multiheads are available in 8, 12 and 16-head versions with a maximum speed of 130 weighments a minute. Operation of the systems has, up to now, been through a neumatic system.

According to Siminuato. the MTS is ideally suited for linking above its 1186 ffs machine, which can be supplied in the standard vertical model or inclined for fragile product. The HS6 is fully computer controlled.

Also fed from a Simionato nultihead weigher on the stand will be a machine packing sweets into block-bottom bags.

Most important is the compamy's ability to provide a whole line from infeed and weighing to bagging, says Noel Kelly of Simionato's UK agent Notem (Millshaw Park Avenue, Leed) - tel: 0532 779504, fax: 760557).

"Vibrating and belt units available"

Feetling systems available from the company include auger, vibrating and helt units. Weighing systems span volumetric cup dosing and auger dusing in combination with checkweighing and automatic dose adjustment. There are also inear electronic weighers. Stand: C48, Hall: 17

#### NEW! PACKAGING NEWS RAPID RESPONSE READER ENQUIRY SERVICE

For more information from any of the advertisers in this issue of PACKAGING NEWS, simply call our Hot-Line number 0839 772268 (Lines open 24-hours) and leave your name & address and advertisement reference number(s).

READER ENQUIRY SERVICE

(Note: Calle cost 36p a minute cheap rate and 48p a minute at ell other times. A call to this number should last around one minute, service operated by Telelink Ltd., P.O. Box 100, Coshem, POS 4TU)

PACKAGING NEWS/MARCH 1994

# ITALY Wrapper line-up | High speed tube filler

Equipment from the Actua group will include Dimac's latest shrinkwrap system, the Helix pallet wrapper, Legopac strapping machines and Robopac turntable pallet stretchwrappers.

Twin version installations of Dimae's high speed single roll eut and wrap shrinkwrapping system have been running at speeds up to 140 packs a nunute. The model shown is a complete upgrade, and shares the simplicity and reliability of the previous systems.

What Robopae Sistemi claims is one of the most effective power pre-stretch facilities available in Europe is a eentral feature of its Helix HIS/40 rotary arm pallet stretch machine. The system maximises pallet stability while economising on film,

One of the first production

models of its Multimach fivelane flow wrapper will doni-

nate the Otem stand. With each

lane operating at 200 packs a

minute, a total outpur of 1000

packs a minute are wrapped in

an area of

just 14sq

to product is

restricted by the

with other machines.

CAMBRIDGE

Ai Cambridge Ltd.

Cambridge CB2 4EF Tel: 0223 834420

Fax: 0223 835050

London Road, Pampistord.

system's ability to accept

countlines or choc-ices, for

example, straight from the

oven, enrober or freezer with-

out these being channelled into

a single lane, as is necessary

according to the company. Also demonstrated will be the latest in its range of fully annomatic turntable systems, the Rotoplat 2000 A.

Robopac SA will show its own range of stretchwrapping equipment. Apart from a new company livery, features have been added to many units, which include turntable modcls and the Robot.

Companies in the group are represented by Actna UK (Greensbury Farm, Bolnhursr, Bedford MK44 2ET - tel: 0234 376744, fax: 376787).

Other exhibits in Milan will include the Spiror horizontal wrapper, Robopae case tapers, Legopae strapping machines and Comes sack filler. Stand: F69, Hall: 17

Five-lane flow wrapper

Reduced line speeds mean less mechanical wear, says UK

agent Notem Packaging Tech-

nology (Millshaw Park

tel: 0532

Avenue, Leeds

LSII OLR -

79504,

760557).

ons of

inter-

the Multimach,

first shown at

be built with

up to 10 lanes.

by the company

will be the Mach

1000 flow wrapper. Its

computer-controlled

servo motor can achieve speeds

of up to 1000 wraps a minute.

Stand: E57, Hall: 17

Are Your MAP or

Assure your quality with the Qualipak range designed for monitoring seal

■ Phamiacenticals, Food and Medica

■ Non-destructive - saves money

Automatic identification of reject

First rate after sales and technical

Consult Pauline Perring for further information on 0223 834420

sensitive solutions

■ Clean, fast and repeatable

**Blister Packs Leak Tight?** 

applications

Report capability

Call on 0839 772268 or circle number (K3-463)

PACKAGING NEWS/MARCH 1994

LEAK DETECTION

Also shown

# is robust and reliable

A high speed tube filling mit will be presented for the first ny, whose UK representative is Stanford Unipac, Packaging along with established (DG 42 Guash models in Way its range of Ryhali filling 1 Industrial Estate.

machinery. The Silver 400 is engineered to allow all types of tubes to be filled at speeds of over 300 a minute, while complying with legal

requirements, says Unipae. Major advantages of the system are its robust design

Stamford, Lines PE9 IXT - tcl: 0780 481990, or fax: 481991). Cost is realistie, says Unipac. Stand CO2, Hall 16

FEELINGLIKE AROBOT? Ganirypeck is e e low coel robot for pick end piece epplications from Portec Systems Engineering Limited.

Easily programmable from a PC and adaptable for a variety of product groups.

Alteady cartoning many products including:

■ Conlectionety ■ Biscuits ■ Snacks ■ Cenned Products Personal Products Pharmeceuticals

Full technical and engineering support from PSEL, e systems specialist with 20 years blue chip design and Instellation

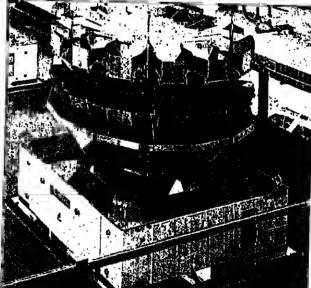
PORTEC SYSTEMS ENGINEERING LTD, Unit 3, Lightning Way, Alvochurch Road, Wost Health, Birmingham B31 3PH. Tel: 021-477 0456. Fax: 021-476 1311

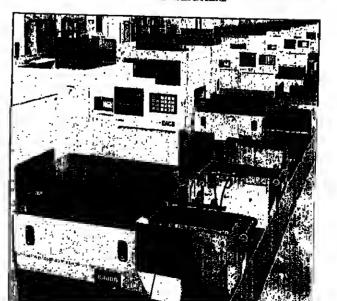


Call on 0839 772288 or circle number (K3-418)

Ishida offers you the best

MULTIHEAD WEIGHERS





**CHECKWEIGHERS** 

The world leader in precision weighing offers you the finest choice of weighers on the market today.

From multihead weighers that outsell all their rivals around the world put together.

To an extensive range of checkweighers that incorporate the most highly advanced electronic technology available. All Ishida machines offer unrivalled

performance, efficiency and reliability. And every machine is supported by what is acknowledged as the best sales and service back-up in the industry.

Why compromise when you can choose the best from the very best.

Complete the coupon for full details on the weighers of your choice.

# 

See us on Stand No 5314 at Foodex/Meatex 1994

LEADING THE WORLD IN WEIGHING

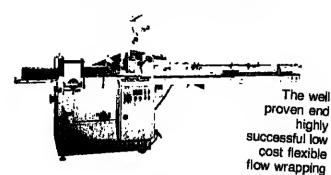
Please send detalls ol: Checkweighers 🔲 Multihead Weighers [] Seal Integrity Testers [] Wrap Labellers Tumkey Projects Please contact me

Ishida Europe Ltd, 19 Crystal Drive, Smethwick, Warley, West Midlands, B66 1RJ, England Tel: 1021) 541 1441. Telex: 333000. Fax: (021) 544 4659.

Call on 0839 772288 or circle number (K3-417)

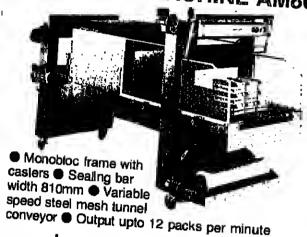
Call on 0839 772268 or circle number (K3-453)

Schib Packaging s.:



 Horizontal wrapping Verticel form fill and seal ● Cartoning for end load and top load ● Electronic weighing sceles ● Trey forming ● Fully automatic packaging lines

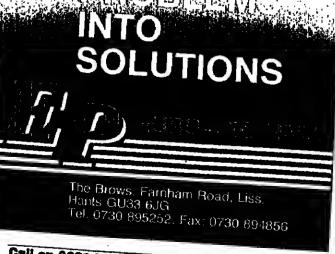
# FULLY AUTOMATIC IN-LINE SHRINK-WRAPPING MACHINE AM80N



TONAZZI FILLING AND

CLOSING MACHINE Diemeter: 10mm to 50mm • Length: 50mm to 250mm • Filling range: 3 to 380ml Output: up to 80 ubes/min ● Capeble

of sealing metel. pleetic and laminate tubes without changing parts



Call on 0839 772268 or circle number (K3-433)

## Hot melt bopp tapes

Hot melt adhesive hopp tapes, complemented by a range of acrylic self-adlicsive tapes, will be presented by Irplastnastri.

Also using bopp as backing material, the acrylic tapes have good adhesion, low noise when unwinding and reliable performance even after extended storage, says the company.

As with the Irplastnustro hot melt tapes, printing onto the acrylic products is undersurface and sandwiched between the plastics and adhesive to prevent colour damage or off-setting.

The company has traditionally produced solvent-free hot melt opp tapes, especially suitable for packing foods. Good performance is offered on high speed case tapers, says Irplastnastri (Via Salani 45, 50050 Limite sull'Arno, Firenze, Italy - tel: 010 39 571 57482, fax: 571 57540). Stand: A16, Hall: 18.

strated on the Ima stand will be

the K150/C cartoner, with its

design for gentle carton han-

dling, and a selection of the

Originally designed with

the eosmetics industry in mind,

the K150/C has also attracted

considerable interest from

pharmaceutical manufacturers,

according to Ima UK and Tony

To promote the concept of

its modular lines, a working

series of machines on the stand

will include a liquid filler, cap-per, labeller and recirculating

conveyor. The system works

on the principal that a number

of lower speed lines can out-

perform high speed filling with

range of blister packers.

# fast filer change

Fast changeover is a feature of the Lynx in-line volumetric filler, to be shown by Ocine in a version designed for foaming and cream-based products.

TALY

Glass, metal and plastics comainers in a range of shapes and sizes can be handled and a full automatic size changeover can take just ten minutes. Change in prod-

uct is also fully automatic, and fully controlled with a pe. Bottom up filling for foaming products is also programmable. Filling accuracy is said to be very high,

and wastage consequently low. With the maximum throughput of 5500 eontainers an hour, the aceuracy is put at ±1ce for | litre containers. For five litre containers at a top speed of 3,500 an hour, accuracy is around ± 2cc.

Two versions are available: from 50ec up to 2200ec and 50cc up to 5500cc. Each ver-Modular cartoning line demos

their greater efficiencies, says

Ima (Oaklands Park, Fish-

ponds Road, Wokingham,

Berks - tel: 0734 772323, fax:

773453). Blister packing and

K150/C: baits and non-matallic buckets handle cartons gently

Here is THE transport packaging! Where is YOUR product?

CurTec @

CREATIVE IN PLASTICS!

CurTec U.K. Ltd., Coomb House, St. Johns Roed, Islaworth, Middlesex TW7 BNH, Tel.: 081 568 4445, Fax: 081 568 4446

with the C90/A91 units.

your products traval "first class", but at "economy fares".

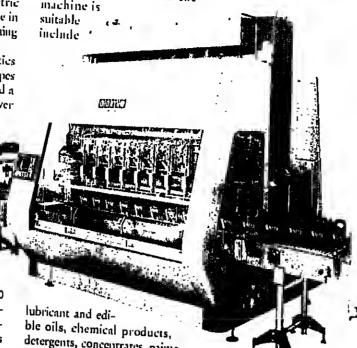
Stands: E11 and C12, Hall: 17

Tha wide range of CurTec containers and kags has been designed to let

The Containers (from 12 to 110 litres capacity) are both The "wide neck" and "total opening" Kage (from 8,5 to 8)

stackable and nestable, to assure the ultimate protection of hitres capacity! have NO metal parts and are air and water

your products and accommical return transport and storage light, even after opening and closing them ume after time



detergents, concentrates, paints and fruit juices, says Ocine UK (King John House, Kingsclere Park, Kingsclere, Newbury, Berks RG15 8SW - tel: 0635 298171, fax: 297936).

interpack last year. Stand: 431, Hall: 16

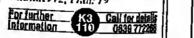
For further K3 Gall for details Information 107 0839 77226

# Viscous filling

Thermoform fill seal for jams and other viscous products will [ be shown on the Benco Pack stand. Benero's Minpack 12 is smitable for foods such as jams, honey and jellies.

Filling takes place into a pvc, ps or umhilayered plastics thermoformed cup. This is scaled with an aluminium plasties or landmated lid.

Beness Pack is represented in the UK by Susvex & Berkshine Machinery Co Ltd (Blacknest, Alton, Hants - ich 0420 22669, fax: 22687). Stand:1042, 11all: 19



"These are basic labellers for

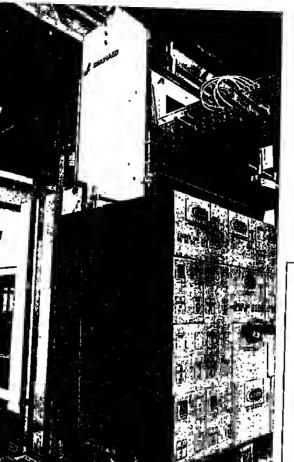
Hants, GU34 4PX - tel: 0420

# "Large print

A thermal overprinter offering a particularly large print area will also be shown. The Codifilm can work on a print area of 105 x 390mm and is pro-

Resolution is eight dots per Stand: A17, Hall: 16

# Programming pallet patterns



time on the Sasili group stand will include a low infeed palletiser with a choice of preprogrammed paller patterns and low noise levels. Simonazzi's Kombi pal-

letiser can be programmed via a control panel for different parterns and is said to produce noise levels well below the legal maximum. Guiding systems are said to be more precise, load balance better and the number of chain transmissions has been

An average

builder

kept to a minimum. Ricciarelli will show its dif-

letential accumulation system, which brings flow packs from two lines into a single stream using an electronic timing device. A differential stacking cup system their places each pack in expanded pye trays.

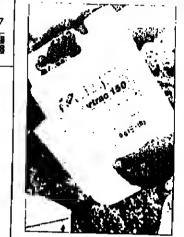
From the same company there will be the Rixall FCBS14 combination weighing muchine. The 14 head machine can perform 100 weighings a minme. Ricciarelli is also planning

to demonstrate its VS100 vertical ffs machine, which is said to be capable of high speeds, and

will be shown in an appraded version. The VS/IV vertical machine, with its variable inclination forming tube, can pack particularly tragile product.

A complete packaging line for long spaghetti is the result of Ricciarelli's work with Zamboni, a company it recently trook over. It consists of a feeder system, double weighing machine, G320 and RA310 wrapping machines and the VSI, vertical packer.

Boule and can filling systents are also supplied by the group (Via di Corticella 87/89, 40128 Bulogua, Italy - tel: 010 39 51 360401, fax: 529419). Stands: E100, F85, 1195, 11.dl: 17



|Fix-a-Form|

we produce leaflet-labels that you want, solving problems that you encounter. Fix-a-Form: the original solution.





# Basic labellers for small volume use

A low-cost label applicator for small volume use is to be shown for the first time by Etipaek.

The Ecotecnic series can operate as speeds of up to 15m a minute and is capable of applying labels up to 150 x 200 mm long. The machine uses the same type of stepper motor as the Tecnie range, but controls are much simpler.

important"

applications such as some bakery, fresh produce and promotional labelling where the cost of a machine is more important than pinpoint accuracy," explains David Rennison of UK agent Sussex & Berkshire Machinery (Blacknest, Alton,

# area offered"

grammed from a pe with Etipack's own Windows-based label design software.

inm, with a stepper motor synchronising film speed with the operation of the print head. Print speed is 9m a minute, but the system can be used on ffs machines at up to 30m a minute.

#### A Butler Builder

establish an early, occurate cost and building

You can trust Butler to complete your

Avoid getting bogged down in traditional

building to the highest of stands rds and be

solely responsible to you for every aspect of



By choosing the World's leading supplies of pro-engineered building systems for your new factory, office, warehouse or showroom, you can be sure your time ond money will be

used eMciently. It'o Outler's

which is totally indic

at our head office or any of our regions

Call on 0839 772268 or circle number (K3:402

# INK JET SOLUTIONS

...Choose from our low cost single line printer... .... to our multi line systems.

The latest designs of SAUVEN CODAJET give you flexibility, quality printing and low running costs. Thousands of customers have found their solution with SAUVEN!

MARKING MACHINES LTD

Ring 0932 355191 NOW to discuss your application.

Cenada Road, Byfleet, Surrey KT14 7JX

PACKAGING NEWS/MARCH 1994



Cail on 0839 772289 or circle number (K3.432)



For further K3 Call for details information 421 0839 772268

Cell on 0839 772268 or circle number (K3-469) PACKAGING NEWS/MARCH 1994

Most of the tags come with a UN certification

-Manufactured from specially selected polyethylene, free

of cadmium and other hasvy metels, and can easily be

Fully approved for food, food ingradiants, chemicals and

Available in a colour of your choice or with your own

Extramely rigid, which offers sale and high stacking.

CerTec containers and keys are:

racycled after a long lifespan.

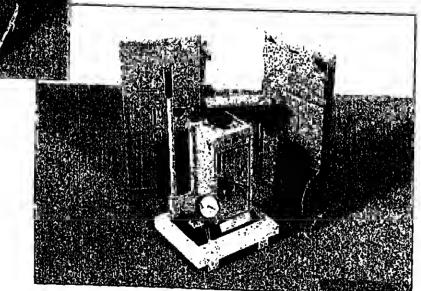
pharmacautical products.

nama er logo.

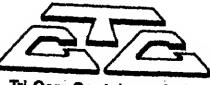
# WORLDSTARWINNER Transit Packaging



- Tri-Wall Packaging **High Performance Heavy Duty** Corrugated
- Die cut, Self Locking, One Piece Fitting



ORG WORLD PACKAGING ORGANISATION



Tri-Corr Containers Ltd., Pickering Street, Loose, Maidstone, Kent ME15 9RT Tel: 0622-744444 Fex: 0622-743911

**PARTNERS IN** PACKAGING EXCELLENCE **SINCE 1961.** 



Wonastow Road Monmouth

**PACKAGING** 

# Tri-Wall Europe

NP5 4YB Tel: +44 (0) 600 772222 Fax: +44 (0) 600 716533

# Lawson Mardon scoops record award total



Jeck Daniele whisky by William Thyne, LMG's Edinburgh-based carton and box company

ore 1993 Worldstar awards were won by the Lawson Mardon Group than by the combined totals of German and Japanese winners, Its 11 winning packs account for ten per cent of the total awarded by the World Packaging Organisation (WPO), which will hold the presentation ceremony during ProPak Thailand in May.

But the UK in general continued its outstanding performance in the Worldstars, with 18 per cent of awards in a competition taking in 24 countries. There were two awards for



above) LMG Decorated Containers won swerds for three products including e range at 12 Zadlec Star Sign tins tor Churchills Contectionery; (right) Huggy Beers pack produced for Burton's Biscults and Luxury Musetl pack for St Michael by LMG Smith Brothers

LMG Smith Brothers (0946 693121) for bags supplied to Burton's Biscuits and Cheshire Wholefoods for St Michael. The Huggy Bears holo-

graphic pack produced for Burton's uses diffraction metallised two-dimensional/threedimensional images and scatter print holograms with primary and secondary webs both in register. Reverse gravure printing was used in six colours on opp, with good light, moisture

and odour barriers, says LMG. The Luxury Muesli pack for St Michael is said to bring

out the advantages of combining process and line flexo printing. Photopolymer plates were produced in-house for more accurate reproduction.

LMG Decorated Containers won awards for three products, including a range of 12 Zodiac Star Sign tins for Churchills Confectionery. Cad/cam equipment, multilay-

er embassing and six colour decoration were used by the company (0623 512012) in producing the pack.

Decorated Containers'

other wins were a range of soap tins and a set of hexagonal tea caddies. Woods of Windsor wanted a pack to make its soaps stand out: LMG cominissioned new tooling for a domed-lid tin, which had the further advantage that the design kept the product from

being damaged. The built-up By using steel rather than tea tins were supplied to R. aluminium on the petfood

series of London landmarks. Another win in metals was for the Marlite 250g perfood tray manufactured by Lawson Mardon Can. Lightness is achieved by the use of 0.125mm tinplate with a film of heat scalable white pp on the inside and gold lacquer on the outside. The forming process

Twining & Co and show a

pack, greater strength is possible than with the aluminium

equivalent. Steel's magnetic qualities can help as much in handling fur the filling process as in separation from the waste stream after use, says the company (0623 512012). William Thyne, LMG's

Edinburgh-based carron and box company (031-453 5544),



Thermoformed Packaging and Displays

Plastique Limited is now widely respected for the distinctive high quality plastic thermoformings it produces.

Please contact Ruth Haysom now for a positive response.

Plastique Limited Old Cannon Wharf, Vale Road Tonbridge, Kent

United Kingdom

TN9 1SU

Tel: +44 (0)732 770855

Fax: +44 (0)732 770029

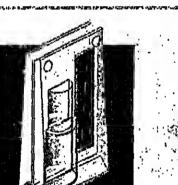
A Subsidiary of I.Q LI E. Group Holdings Lid.



Pharmaceutical Packs

Packaging Inserts

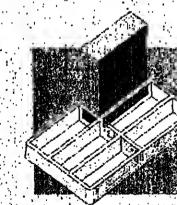
Blisters





Blibox 27 std. sizes

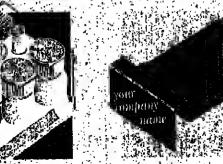
Medical Packs

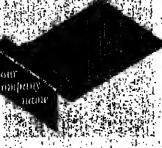


Collation Trays



Point of Sale Displays:





Heat Bending



Quality Assurance

Call on 0839 772268 or circle number (K3-450)

on 0839 772268 or circle number (K3-459

line smarter

way to overprint

Cut costs and downtime.

Replace your hot foil coder with

SMARTDATE\* - the revolutionary

thermal transfer overprinter,

It's easy to set up and extremely

reliable, printing variable data

such as patch codes and best

before dates, as well as bar codes,

directly onto packaging with the

greatest of ease. Call 0602 253220

for your free information pack.

SMART

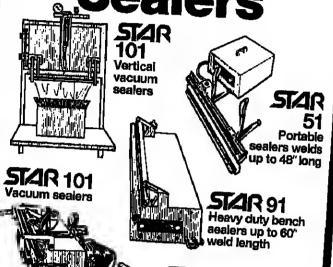
PRESTEK LTD

WILLIAM LEE BUILDING! HIGHRELDS SCIENCE PARK

UNIVERSITY BOULEVARD NOTTINGHAM NG7 2RQ, ENGLAND



# Universal Impulse Heat Sealers





Call on 0839 772268 or circle number (K9-410)

SORT AND INSPECT IT: With the PAL-U-LIFT Pallet

Rates of up to 200
palfets an
palfets an
hour can be
achieved with ose
aingle operator and
a PAL-U-LIFY
system.
Full system design
available to cater
for your individual
facultymaster.

responded to Jack Daniel. requirement of a strong but eyecatching pack for it. Old fine l'ennessee Whiskey with an 1flute front-opening carron.

Printed in five colours plus uv varnish, the box uses silvered polyester limination for an embossed effect on the main images. The 'door' box front is double thickness with a locking tab.

On the moulded plastics side, LMG Fibrenyle took an award for the Boots Soltan container, which was the first extrusion blowmoulded pet container to be commercially available in the UK. This process overcomes the elatively poor melt strength of the material.

Lead times and costs for tooling are substantially lower than for injection stretch blowinoulded pet containers, says Fibrenyle (0502 713700). The same company was recognised for its 1.5 litre pet syphon for Coca Cola Schweppes Beverages. This consists of a custommoulded trigger with valve and a sleeved bottle with base cap.

Paint cans produced in 5 and 2.5 litre sizes won an award for the Industrial Containers division of LMG Plastics (0623 512012). The injection-moulded containers are exclusive to ICI for its Dulux Pure Brilliant White and Bright paints. Ease of use for the consumer, suitability for transit, resistance to acci-

APHROAIG

URN AND MANIPULATE IT:

With the PAL-U-LIFT Box

and lifts the complete packaged unit. Up to 128 kgs capasity. Systems for high stacking up to

Bids litting options for open-topped cartons.
 TV toox litting/patiatising a speciality.
 Preszer-room applications - no

problem, OR, LIFT THE COMPLETE LAYER:

Palematic Handling Systems Ltd, Cobner Wood Close,
Chesterfield Trading Estate, Sheepbridge, Chesterfield, Derbyshire, 841 9RQ
Telephone: (024e) 452084 Fax: (0248) 451378

With the PAL-U-LIFT multi-box ifters up to 100 kgs sepecity.

Lifter System.

Design by Graphic Partners for Allied Dietillers Laphroeig whisky

With a PAL-U-LIFT dox

Lifts your load ganity into its box and lifts the complete packaged ush up to 125 kgs capacity,
 Systems for high steaking up to 2.4m

Side lifting options for open-

OR, LIFT THE COMPLETE

With the PAL-U-LIFT Mulit boa lifters up to 190 kgs capeally.

PALAMATIC

Lifter System:



dental spillage and good automatic handling were all part of the brief.

UK winners in cartonboard packaging included BPC Taylowe (0628 23311), which will be receiving its tenth award in nine years for a gift pack produced for St Michael and containing a selection of toilctrics in the retailer's Magnolia range. The crash lock carton uses complex folding to resemble a woman's handbag.

Gold bronze powder, textured graining and a gloss varnish are used to striking effect on the pack, which has been used by Marks & Spencer in different sizes.

Cartons for May Park Stir Fry were produced by Carionmaster (0260 297000) using the company's primographic process on a narrow web 406mm press. The five-colour uv lacquered carton was die ent in line, in a process which also suits pharmacentical carton production. The pack and the technology behind it have already been recognised by an EFFA award

Integration of the various pack elements for Allied Distillers' 15 year old Laphrosig single malt whisky was key to the design from Graphic Partners (031-557 3558). Green in the bottle is picked up in the presentation gift cartiin, a neck booklet of tasting notes and the capsule of the bottle. These contrast with the simple white

of the bottle label, the patch on the carton and the inner prodnet brochure.

Corrugated board for pos was produced by Encase Ltd for a combined Nescalé Gold Blend/After Eight promotion pack. The design for Nestlê timed to telieve maximum impact without occupying excessive shelf space, says the company (0295 250971).

#### "Protective sleeve"

B-flute is used with six-colour plus uv varnish pre-printing. An acetate sleeve gives extra protection to the products inside the single-piece earton.

The transit needs of high value scientific instruments were met by Tri-Wall fabricator Tri-Corr Containers, winning an award in the process. Graselty Specae requested a redesign of the transit pack for a small 50kg instrument

Getrugeted beard for pos was produced by Encasa Ltd for a Nescalé Gold Bland/After Eight promotion mounted directly onto a wooden pallet. Key to the design is the internal one-piece die-cut fitthis and the can walls ting which fits inside the pallet

top, leaves spaces for protec-

tion and gives a rectangular

shape for the outer case to slide

over. Savings of 10 per cent

have been made on pack size,

with moulded eps being elimi-

nated, and packing time has

improved by 15 per cent, says

Three awards went to SCA

Packaging (0895 445533) for

corrugated fibreboard packs,

bringing to 16 the total of

Worldstars won in the nine

years of the scheme's existence.

Canon Audio corner loud-

speakers combines two trian-

gular section inners and a

printed outer for distribution.

Space is optimised for transit,

allowing ten to be grouped

advantages"

On a larger scale, SCA won

recognition for its Ecobox

returnable bulk container. With

a timber base unit, cross-ply,

triple-wall board sleeve and

moulded hope lid, the Ecobox

offers strength for loaded tran-

sit with the advantages of flat

folding within its own lid for

a one-piece heavy duty corru-

gated reusable transit pack for

adopting this system, Unipart is

said to have overcome prob-

lems associated with order vol-

ume and storage of its

transmission units. Cost savings

The wooden crates used

previously were required in

three different sizes, while the

SCA pack can be used for any

one of the transmission units.

Since they are delivered flat,

the corrugated cases also take

up less space.

have resulted for the company.

nipart International. By

SCA's third award was for

storage and empty transit.

Flat folding

inside one multipack.

A transit/display case for

Tri-Wall (0600 772222).

NESCAFE

For Gillette, the can is 7-colour offset litho printed with silver and blue graphies. The dome of the tinplate can is made from the metal polymer laminate Ferrolite.

Ideal for protecting goods in transit, the system sandwiches items between two windows of Wolff Walsrode high memory film. After showing its product last year at interpack, supplier Rapida-Pak (0234 214896) has

Child resistance is an

A soothing blue and grey

Design and brand identity involved close cooperation

entries, the WPO noted tendencies which included greater thought going into recycling, more engineering for protection at lower cost, and better graphies backed up by printing technology.

A range of criteria is Bi-can, CarnaudMetalbox Aerosols' bag-in-can system, won the company (0623 555555) an award for the Gillette Series shaving gel pack. The system encloses product -

especially of the viscous, foaming variety - inside a nylon bagwith propellant held between

NESCAFE GOLDBLEND FREE After Eight MINTS

After 🖢 Eight

After • Eight

After 🖢 Eight

FREE After \* Eight MINTS

NESCAF

#### "Domed tinplate can"

Having won the Packaging Innovator of the Year title, the Rapidapak system for suspending delicate products in polyurethane film inside a cartonboard box has gone on to take a Worldstar.

announced an order for 10,000 of the units in 1994.

important feature of the pack designed by PI Design Consultants for the Glaxo migraine drug Imigran. The pocketsized pack is sufficiently durable to be carried at all times, with colours and a logo which aim to communicate the benefits of the drug to sufferers, says PI (071-727 3226).

have been used throughout on the inner pack and outer carton, both designed by the company,

between the pharmaceutical company and Pl, says creative director Steve Kelsey. In its general overview of

applied in evaluating the packs, including protection of contents, sales appeal, graphics, information, quality of production, economy of materials and technical innovation.





2. Quality, law cast

business praperly 3. Large paol of adaptable and depandable labour

4. Maximum finandal

5. Excellent warldwide

communications 6. First class madern

infrastructure 7. Warld class business

oeighbaurs 8. Lower averheads

9. Wide chake of quality, residential property

10. High quality and lass stressful lifestyle

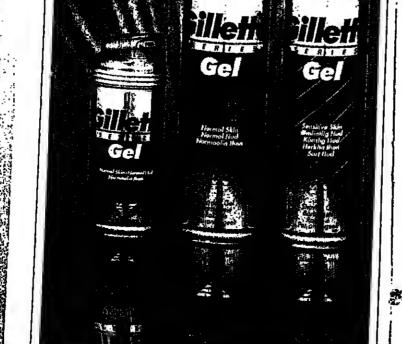
> Don't settle for less when Cleveland offers ten out of ten

> > CLEVELAND

Deportment of Environment, Development & Transportation, Gurney Hause, Gurney Street, Middlesbrough Cleveland TSJ 111, Telephane: (D642) 262686, Fex: (0642) 230954

| Please help matabe p<br>tha Cleveland County i | port of the aconomic racovery end send me<br>infermetion pock. |
|--|--|
| Neme   |  |
| Cempeny  |  |
| Position                                       |  |
| Address  |  |
| Telephone                                      | Fax  |
|  | PN   |

Call on 0839 772268 or circle number (K3-449)



Bi-cen, CerneudMatelbox Aerceale' beg-in-can aysiem, wen the company on eward for the dillette Series sheving gel pack

PACKAGING NEWS/MARCH 1994

PACKAGING NEWS/MARCH 1994

Call on 0839 772268 or circle number (K3-430)

hing else is out of date

Call on 0839 772268 or circle number (K3-4-11)

Visitors to the Creative Packaging exhibition which runs 8-10th of this month in Hall 11 of the NEC, Birmingham, are invited to 'realise the potential of packaging' by organiser Nexus Business Communications (0322

660070). Running alongside the show will be Creative Packaging Workshops, jointly run by Pira International and Cowise Management & Training Services (081-313 3713). These will

cover Creative Packaging for the

Environment, Design Systems for Packaging and Product Security. Here we highlight all

the companies attending in our Stand by Stand quide...

Bucks HPS 3AX - 1el: 0494

I Lincoln Road, Leasingham,

Sleaford, Lines NG34 815 - tel:

THE ALBION MANUFAC-

A range of cord, decorative tas-

sels and trims for use on a wide

SERVO ASSIST SIZE CHANGE WITH MEMORY

DIRECT LINK TO ANY FORM FILL + SEAL

0529 304926, fax: 413464.

791199, fax: 791188.

AFA MARKETING

TURING CO L'TD

Stand: 216C

ADDINGTON HENDLEY Exhibiting at the show for the first time, this technical design consultancy will highlight its work in the area of creative cost reduction in packaging.

It undertakes all types of projects from simple design hriefs to major rationalisation or automation programmes involving a client's entire pack-

aging range.
The Old Bakehouse, 1A Eskdale Avenue, Chesham, range of packaging is offered and new fixing methods for tassels for boxes, which allows them to be fixed to packs without requiring glue, will be Jemonstrated for the first time.

In-house dyeing and colour matching techniques are offered on the range of prodtiets and an unlimited number of colours can be achieved. 2 Laminas Road, Leyton, London E10 7QT - 1cl: 081-539 7071, fax: 081-556 2276.

#### **BARCO GRAPHICS**

What are described as dedicated and comprehensive solutions to integrate electronic artwork with high resolution images for labels and packaging production through to final plate/cylinder layout will he demonstrated, Also Digipack production software. which has been enhanced with new features and productivity benefits.

At Ipex, Barco launched InkSwitch, a product said to overcome the long-standing problems in high volume printing of certain colour ranges where special sets have to be used instead of standard CMYK process inks. Further enhancements will be launched at the show under the name of Ink Planner,

50 Suttons Park Avenue. Petapak Works, Sugar House

0734 664611, fax: 665070. Stand: 123

BELPAC LTD Heath Mill Road, Wombourne, Wolverbampton, W Midlands WV5 8AP - tel: 0902 897343, fax: 893708. Stand: 531

BLACKBURN CORRU-GATED PAPER COMPANY Interest continues in the BCP Creative Packaging's exclusive range of fully dyed E flute corrugated materials. Sharing a stand with specialist papermakers lames Cropper plc, BCP products used by BHS, The Body Shop, Boois, Holland & Barrett and The Sock Shap will be on display.

Also on show will be silkscreen printed and foil blocked materials as well as laminated corrugated options. Freme Street, Blackburn, Lancs BB1 6EG - tel: 0254 52631, fax: Stand: 316

**BN INTERNATIONAL** 81 Borough Road, London SE1 IDN - tel: 071-403 0085, fax: 071-401 5989. Stand: 318

THE BOX CLEVER

PACKAGING

**EXAMPLES** 

(GIFTWRAP) CO LTD

Case Packer 490-Toploader

FINAL PRODUCT HAN

2OP - rel: 081-534 7744, fax: 087-579 6463. Stand: 416

#### CAMBRIDGE CONSUL-TANTS LTD

Among new packaging concepts shown by CCL are lower cost replacements for multipacks, novel and complex shaped sachets and multichamber containers. Also to be demonstrated are its web handling techniques and micro perforation technologies.

The multi-chambered containers are said to be an ideal way to keep component materials separate until point of use and applications include alternatives to yogurt twin-pois or for such products as adhesives.

As well as developing its own concepts, the company also responds to manufacturers' requests for solutions to technical problems and its services include market strategy as well as new product and packaging development.

The Science Park, Milton Road, Cambridge CB4 4DW tel: 0223 420024, fax: 423373. Stand: 208

#### CARNAUDMETALBOX SPECIALITY PACKAGING A range of innovative decora-

tive tins, used by many companies to market and promote



the Nysco point of sale and

presentation shelf merchandis-

ers which are said to combine

the look of a custom display

with the convenience and

comes the Microflex transit

case: an injection moulded

polypropylene container fea-

turing foam insens to cushion

products during transit and

storage, TOPS Packaging Sys-

rems, a division of KCG, will

launch its latest geocration of

Fraser House, Bridge Lane,

Frudsbam, Cheshire WA6

label range from the company

will be on show including

Pharmatexi, the latest leaflet

label system design to provide

maximum infunration for

pharmaceutical and healthcare

applications. Also on show

will be Labeltext, the highly

successful patented, rescalable

label system offering numer-

ous pages for information or

Four other leaflet label

combininations will be on show - Plytexi, Promotext,

Collartexi, Booktext - which

can all be custom-designed to nicet end user needs. In-house,

bespoke design facilities are

also available through its sister

company, Reproactive Ltd.

This company has extensive

knowledge and dar equipment

promotional use.

optimisation software.

LABELTECH LTD

739527.

Stand: 20

From Microflex Packaging

economy of a stock system.

their products, will be on show Mansfiehl Enctory, Rock Valley, Mansfield NG18 2EZ - tel 0623 22651, Jax: 24626. Stand: 327

creative

packaging

#### CARNAUDMETALBOX CLOSURES UK

Exhibiting for the first time. the company will display its innovative ideas for the packing of products in glass with metal closures. It will also be showing its latest ideas for the fruit juice and dairy markets, and exhibiting its new retornable cap for use in

microwave cooking. The concepts of Tumblerpacks', where the container can be reused many times as a tumbler; 'eat from' packs, where the container can be used as a plate or serving dislt and the latest tamper evident and decorated cap designs will also be

Lake Road, Hantworthy, Poole, Durset BH15 4L1 - tek 0202 674321, fax: 676963. Stand: 210

#### CHARPAK LTD

On show will be an exclusive range of 'off the shelf slide on hlisters' as well as other forms

to provide a fast rumanound of design work.

4 Cittall Road, Withon, Lock CM8 3BI - 1el: 0376 501144. lax: 510979. Stand: 70

#### LAWSON MARDON GROUP

A peclable, easy open laminate

called CX-P - which can be combined with primed or plain primary webs to provide finished laminates offering a wide choice of properties and performance, will be shown by LMG Smith Brothers as well as Zip Tite easy open and resealable bags. Among exhibits from Lawson Mardon Flexible will be the first commercial application of Flexi-Ponch, the stand up pouch for packing hijuids, powders or granulates.

LMG Superior Packaging packaging and distribution are at the exhibition for the first time and will be displaying its shrink sleeve and wraparound labelling capabilities. 7HD - 1cl: 0928 739520, fax: Decorative tins - three of which have just won Worldstats - will be shown by Lawson Mardon Decorated Containers while from LMG Fibrenyle will be the latest All aspects of the self adhesive blowmoulded plastics containers for the personal care, household, agrochemical, food

and drink markets. A tamper evident scal for beer kegs which has been designed in conjunction with major UK breweties, will be displayed on the stand by Lawson Mardon Plastics.

Avonbank, Clifton Down, Bristol BS8 3HT - tel: 0272 735080, Jax: 735810. Stand: 139

#### LONDON FANCY BOX COMPANY LTD

Using the latest cad/earn techniques, the company continues to innovate in design and construction of rigid boxes. Recently, the company has introduced a divisional strucinte to better serve specific end-user markets. Each is selfsufficient from design right through to manufacture.

The Castle division serves the beauty, inusic, stationery, video and drinks sectors while the Valley division will serve confectionery, film, games and publishing markets.

On display will be examples of the box maker's art and emonstrations of box making. Poulton Close, Dover, Kent CT17 0XB - tel: 0304 201598. fax: 213570. Stand: 527

#### M PETRUSHKIN LTD Sugar House Lane, Stratford, London E15 2QP - tel: 081-534 7744, fax: 081-519 6463. Stand: 416

#### MAILWAY PACKAGING GROUP

The wide range of promotional, contract packing and vacuum forming services will be highlighted by the group which has four factories located in both the North and South of England.

All of the plants house controlled environment areas to meet demanding hygiene requirements for packaging foods, confectionery and personal care products. In addition,

CHEMINAL PACKAGING

#### needs acquired UK subsidiary MW I map offers specialised comment packaging services for the pharmacenical industry.

Services range through design, manufacture and printing of a variety of packs, collation and production mulitpacks and special promotional packs, high frequency welding, shrinkwrapping, creoutlets will be on show. ation of point of sale displays

of shrink sleeve lahels. Custom made and standard products from its Showcase range of folding blister packs and sample packs will also be on show.

12-16 Pit Cliff Way, Uppercasthe Street, West Bowling, Bradfund BRS 78G - wel: 0274 720019, Jux: 370132, Stand: 431

and production and application

MANCHESTER PRINT

Harper Road, Wythenshaw, Manchester M22 4ST - rel: 061-

2028 J.188, Jav. OST-928 p.831. Stand: 108

#### MILBOURNE PACKAG-

A range of bespoke cartons, carrier bags and ancillary goods, including fine printed tissue paper, designed and manufactured for mainly retail

Established in 1878, the company specialised in covered rigid boxes for the first 100 or so years but has now developed into cartons and then carrier bags. These imported bags have cord and die out handles.

Carton work has proto update its Valderma Skin gressed through the years and Treatment product. This in 1992, the company worked involved an overhaul of the closely with Pethick and pack shape which increased sales by over a third in the first Money on the M-Pak carton which the company now mansix months of Janueli. The ufacture under licence. Recem company believes that this highlights how design can play samples of this carron will be highlighted on the stand. a vital role in the marketing u Eden End, Feathers Hill. plans and objectives of a brand.

Hatlield Broad Oak, Bishops The Constyard, 37 Sheen Road, Richmond, Survey TWO Mortford, Heers CM22 711D tel: 0279 718800, fax. 718822. 1.41 - rel: 081-948 7999, fare Stand: 216H OST-948 2435. Scand: 216E

#### MINALE TATTERSFIELD NEDITITO & PARTNERS LTD

right visual and verbal language

across national frontiers.

A range of water soluble pack-This international design consultancy will stress its work aging films from the company, in the area of pan-European suitable for both cold and hor branding. Its network of fifteen water applications, will form design and marketing offices the main feature of the display. worldwide means it can offer a These films are said to be analy international project management service to find the

ideal for a vasi range of product types including agrochemicats, household chemicals, detergents, dyesinffs and animal health products.

A recent project was with Dalton Way, Middle with Busi-Roche Products, which wanted ners Park, Middlewich, Cheshire CAVIOOHS - tel: 0606 836155, fax: 836408. Stand: 302

#### NORDEN UK LTD

Church Street, Baldock, Heris SG7 SAF - tel: 0462 895245. fax: 895683. Stanel: 103

# **Boxes Bursting with Innovation** Co Ltd 04) 201598

FOCKE & CO.(UK) LTD. COURTENAY WORKS.

TRIEPHONE 0489 756004

Direct bag transfer

conveyor and stacking aystem

with accumulating

PACKAGING NEWS/MARCH 1994

Call on 0839 772268 or circle number (K9-467)

0304) 213570

#### PACKAGING NEWS

Visitors are welcome to visit our stand to pick up an issue, gain information about the show, or just have a coffee. Please do come and join us and find our more about Europe's Number One packaging journal.

Moclean Hunter House, Chalk Line, Cockfosters Road, Barnet, Herts EN4 OBU - tel: 081-242 3147, fax: 081-242 3154.

#### PAK 2000 (UK)

Church Court Business Centre, Church Court, Preston, Lancs PR1 3BS - tel: 0772 880500. Stand: 132

#### PETHICK & MONEY

A complete design service is offered to clients including name generation, trademarks, packaging construction, graphic design and packaging logistics. As well

as offering clients simple and classic designs, the company aunched its own carron system, M-Pak, in 1992. The latest development is X-Pak, a totally glueless carton suitable for the fragranec, cosnicties, confeetionery, lingerie and gift markets. Studios 465, 75 Filmer Road, London SW6 7/F - tel: 071-384 1298, fax: 071-731 8314.

PICADOR INTERNATIONAL The Parsonage, Winford, Bristol BS18 8DW - tel: 0275 474704, Jan: 472108. Stand: 216D

PIRA INTERNATIONAL Pira personnel will be able to explain the research, database, life cycle analysis and other work of the organisation as well as its extensive range of

Randalls Road, Leatherhead,

publications and seminars.

LAWCO CODING AND MARKING

**SYSTEMS** 

LAWCO HOUSE, VAUXHALL ROAD, LIVERPOOL, L69 3AU.

TEL: 051 227 1212. FAX: 051 227 5900

company are presenters, portfolios, sales presenters, sales sample eases, soft stitched bags and literature boxes. 80 Coleman Road, Leicester LES 4LF - tel: 0533 767562.

POTTERTON OF LEICES-

from extruded polypropylene

sheet and available plain or

printed, will be on show. Foil

blocking, stitching and riveting

Also manufactured by the

are other options.

Promota cases, produced

#### PRESENTATION PROD-UCTS LTD

The company designs and manufactures wooden, paper and fabric covered boxes for many

TOTAL COMMITMENT TO SUPPLYING

EFFECTIVE AND RELIABLE SYSTEMS

FOR YOUR CODING AND MARKING

NEEDS

A Large Character Ink Jet Coder which prints characters

printing batch codes, product names, dates and with the

between 14mm-28mm quickly and clearly. Ideal for

facility for consecutive numbering and real time clock.

Fast drying inks for porous and non porous

Consistently high print quality.

Low ink consumption.

Full technical support.

Fast code changes with no mess

Surrey KT22 7RU - 1cl: 0372 different products, each one 376161, Jax: 377526. prinduced specifically for the product it contains.

Designs used for consumer items such as crystal, ceramics, toiletries, stationery, wines, spirits and fine foods will form part of the display. Also on show will be small hinged hoxes in a natural wood finish, painted containers and trays, crates and stained wooden chests with

brass comers and handles Baxes covered in printed papers, fabrics and leather, hinged or with lift off lids in different shapes and sizes, complete the extensive display. Abbey Works, Arbroath, Angus, Tayside DD11 1TZ tel: 0241 78441, fax: 15560.

#### RAFLATACLTD A major feature of the stand will be the (TRA) Ecotac RP-

**LAWCO** 

Stand: 325

Scarborough, N Yorks 1'011 3DN - tel: 0723 583661, fax: 10 repulpable adhesive just

#### RED BRIDGE (BOLTON)

thetic labelstocks in both pe

and pp will also be on show, as

well as two recently intro-

Copies of its new brochure

duced grades of recycled paper

which is designed to guide

label converters and users in

their selection of materials will

be freely available on the stand.

Wareham Road, Eastfield,

Regloss and Revellum.

The Creative Packaging theme has been taken to heart by this company who has organised a nationwide packaging design competition, the final of which will take place on the last day of the show. Designers and mantifacturers have been invited to submit designs - either actual finished packaging or drawing board concepts which use any of the company's many packaging coverings. Work from the finalists will be displayed on the stand.

Acrolin has recently been used for special promotional carrier hags for Bass beers, Worthingtons Best Bitter and premium lager, T.A.G. Each bag contained a specially designed polystyrene fitment to hold two cans of Best Bitter and two buttles of T.A.G. Red Bridge Mill, Ainsworth,

Bolton, Lancs B1.2 5PD - tel:

#### 0204 22254, fax: 384754. Stand: 326 RELUTEX

19-21 Rue Baudin, 93310 1.e Pre Saint Gervais, France - tel: 1 48440129, fax: 1 48440363. Stand: 110

launched by the company. The first generation TRA can be used with totally chlorine-free label papers such as Vellum, Data and Copylaser, The result, says the company, is a range of recyclable, self adhesive lamicreative nates designed for applications packaging where recycling is essential. The entire range of syn-

REPROACTIVE See Labeltech Ltd.

#### ROBINSON SPECIAL PACKAGING

creative

packaging

to a T-55 case sealer. Fitted to

this case scaler is the Zipper

system. This applies a small tri-

angular piece of paper during

scaling which give the cases a

tamper evident feature for secu-

Once sealed, the cases feed

rity which is also easy to open.

onto a Boomerang conveyor,

part of the company's Con-30

conveyor range for the next

Unit 18, Palmerston Street,

Hanley, Staffs ST1 3EU - tel;

The company is trying to

encourage packaging designers

ro involve them, a specialist

label producer, at the initial

design stage and not as an

afterthought as well as to

experiment with materials

rather than relying on comput-

Fasson Award winning label,

designed by Kathy Miller for

the AME brand. Kathy

approached the company with

a bottle wrapped in parchment

and tied on with rafia and this

product is now exported all

As well as standard label

production facilities, the com-

pany also produces reel fed,

self adhesive labels using the

lithographie print process, said

to allow the company to

reproduce designs without

compromising original ideas.

Darlington Road, Northaller-

ton, N Yorks DL7 8UA - tel:

Products from its extensive

range of decorative packaging

0609 780333, fax: 780423.

STRIBBONS LTD

Stand: 109

On show will be last year's

er created graphics.

over the world.

0782 274100, fax: 272696.

SPARKPRINT LTD

stage of packing.

Stand: 131

Part of the Robinson Group, the company specialises in spirally-wound round comainers and rigid boxes. As well as circular containers, the spirally-wound concept can be combined with other rigid box elements to 'ovalise' the overall pack shape.

New at the show is an all paperboard can - APC - which s manufactured from 80 per cent recycled material and is 100 per cent paperboard which is said to maximise reuse or recycling capabilities.

Rigid boxes can also be supplied and examples of work for such clients as Boots, Laura Ashley and EMI will be on

Chatsworth Road, Bramton, Chesterfield, Derbys \$40 1YD - tel: 0246 220022, fax: 220913.

#### ROCKWARE FLECON-NAGE

Weeland Road, Knottingley, W Yorks WFH 8AP - tel: 0977 674111, fax: 672879.

SOCO SYSTEMS UR LTD A complete Single-Operative Packstation, capable of creeting, scaling and accumulating random case sizes using only one operative will be exhibited Designed with many adjustments, for operator comfort, the unit has an approx 8sq m footprint so is ideal where space is limited.

It consists of an F-100 semi automatic ease erector, linked

Double welled plastics Jara will be shown by William Croxso

will be on show suitable for all types of gift packaging in market areas such as food and confectionery, wines and spirits, greetings cards, gift wrap, triletrics and cosmetics.

Standard items available from stock include tote bags, pull bows, mini bolws, foil wrap as well as stretch loop bows. Specialist products include cords, tassels, ribbons and bows which can be both

hand and machine tied. The new Natural Decoration' range will be featured which include bows and tassels manufactured from paper, cotton, jute, sisal and flax. Also new is a large range of

polypropylene ribbons. Unit 129, Laurence Leyland Complex, 1rthlingborough Road, Wellingborough, Northants NN8 1RT - tel: 0933 443446, fax: 443435. Stand: 519

#### TECHNOPRINT INTER-NATIONAL

Exhibiting for the first time at the show, this print bureau operation can supply swing tickets, over-riders, garment and shoe labels as well as self adhesives or sew in labels. An extensive range is manufactured to what is described as the highest standards at the keenest prices. As well as offering fast turnaround on its hotfoil machines, the company can also produce complex shapes

with laminated finishes. Bradford Street, Keighley, W Yorks BD12 3/2 - 1cl: 0535 612031, fax: 690388.

CREATIVE PACKAGING

USIPLAST SA (PRIPLAK) 15 Place de la Nation, 75011 Paris, France - tel: 1 43484242, fax: 1 43489290. Stand: 135

WALTER COLES & CO LTD

PO Box 42, 47-49 Tanner Street, London SE1 3PL - tel: 071-407 8291, fax: 071-357 Stand: 107

WATERSHED PACKAG-

Witton Heath Farm, Manor House Lane, Leeds LS1791D ict 0532 371 114, fax: 371 116. Stand: 104

WATSON GRANGE LTD Napier Street, Linwood, Paisley, Scotland PA3 3DF - tel: 0505 321543

#### WILLIAM CROXSON &

SON LTD An exclusive range of double walled, plastics jars will be launched in sizes ranging up to 80z. They can be manufactured in any colour with a straight or rounded base and include a continuous thread finish.

The jars have a polystyrene outer wall and a polypropylene

inner and, for cosmeties or labels for on pack product pharmaceutical applications, information or promotions. Kangaroo labels - so called

arriar bag mada of Acrolin acrylic coaled paper from Red Bridga

special finishes can also be pro-

will share the stand with exam-

ples of products which demon-

Alpha Place, Garth Road,

Mordon, Surrey SM4 4LX - tel:

081-337 2945, fax: 081-337

WILLIAM SESSIONS LTD

strate its print capabilities.

and organic frosting.

vided. These include high gloss because one label carries another - will feature, which Glass bottles and jars will can also provide an ideal self also feature, including a selecadhesive medium for promotion of more unusual and spetional applications. The main cialist containers from around feature is a printed portion, die cut to any shape, which can be Subsidiary company detached and used to affix Copeland Chatterson Co Ltd

information elsewhere. Taetile labels will also be displayed which can be used for hazard warning symbols to aid safety for the partially sighted or blind.

The Thor Press, Hontingdon Road, York, N Yorks YO3 9HS - tel: 0904 659224, fax: 644888. Stand: 313

#### WINTER & CO

A wide variety of luxpry covering materials will be on show neluding finished examples of Natural Papers, Simulated Leathers, Woven Textiles and Coated Materials. Box and other forms of packaging coverings are also available. Stonebill, Humingdon, Cambs PE18 6AY - tel. 0480 455321. fax: 5220k,

WOKING TUBE PROD-

Straight wound cardboard

tubes for applications as diverse as fibre drums to hat boxes and shaped containers to winding cores as well as 'rolled to fit', purpose made versions are all available from the company. Special mandrels used in the manufacture allow tube diameters from 75mm up to 610mm to be produced.

Boxes for gift packaging, product presentation, decorated containers and dispenser drums will also feature. The company can eater for low volunie users. Abstracta House, 187 Brent Crescent, London NW10 7XR - tel: 081-965 8845, fax: 081-965 5120.

**ERECTION PROBLEMS?** 

Newbury Machines can automatically erect

most transit/display packs

#### Further information: Phone now and ask for Evelyn Cullinane Call on 0839 772268 or circle number (K3-468) NEED "ON DEMAND" BAR CODE LABELS? E.I.D. Systems Ltd

HAVE THE TOTAL SOLUTION TO YOUR LABELLING NEEDS Thermal or Thermal Transfer Printers

Labels (Plain or Printed)

Thermal Ribbons (Tec, Zebra, Sato etc)

● Data – Capture Hand Held Applicators

Software Free Survey

The E.I.D. Range are available as intelligent, stand alone printers operating from their own inbuilt keyboard, or linked to your computer.

For a free onsite demonstration contact:



**EARLSMERE HOUSE EARLSMERE DRIVE** DONCASTER ROAD ARDLSEY BARNSLEY SOUTH YORKSHIRE S71 5EH

TEL: 0226 204096 FAX: 0226 244169

TOMORROW'S - TECHNOLOGY - TODAY

Call on 0839 772288 or circle number (13-413)

THE MAN

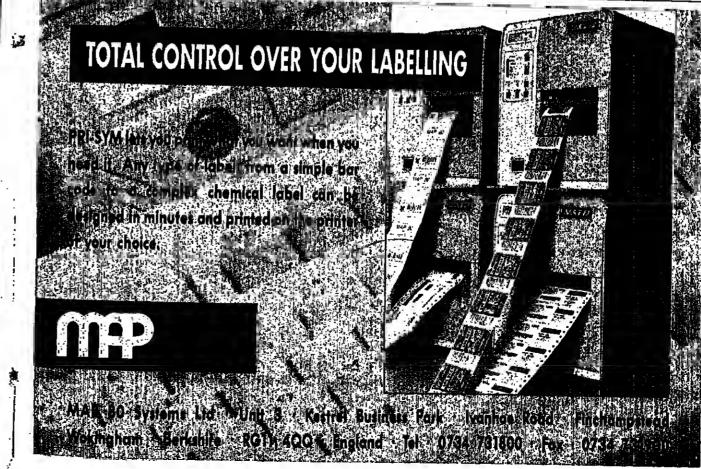


OPTIONAL: 2 or 4 was entry pullet base - Hat box lid - Inger carlons

Windowski Europa N.Y., Cockerlikout 3, 2000 kinwerpen Tel: 010 323 2387 885 Faz: 010 323 238 785/ Hid-Cock Pollets Ltd., Constrabil, Mauroom, County Cock Tel: (026) 4131 | Faz: (026) 4227 B Cell on 0839 772288 or circle number (K3-405)

PACKAGING NEWS/MARCH 1994



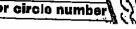




Reduced Labour Costs Among a wide variety of stock Reduced Pack Costs & and custom printed self adhesive labels will be a number of Improved Product Presentation new products including the TYPICAL PACK STYLES SERIES IV Mulit-Layer resealable label range. These are designed to provide up to three rimes more text area than conventional To discuss your specific tray and case erecting requirements please contact

Ken Dolling Newbury 38 Castle Farnt Road **Packaging** Haubam Abbois Machinery Bristol BS15 3NN Tel: (1272-60924*2* Ltd Fax: 0272 609242

Call on 0839 772268 or circle number





# WHAT CAN WE LEARN FROM NATURE'S PACKAGING?

Quite a lot, as a matter of fact.

Nature's ingenious solutions, which are ideally suited to their purpose yet often stunning in their simplicity, are often reproduced in the best man-made packaging.

At Frövi, we understand this and build on it. Our thinking is down to earth, close to Nature.

The slow-growing Swedish forests provide our raw material – fresh virgin wood fibre with natural strength and purity.

#### FRÖVI ALONE

Frövi is the only manufacturer of unbleached, coated board in Europe.

Unbleached to preserve the full strength of the natural fibre and, at the same time, saving costs, energy and the environment. Thoroughly washed to render it odourless and nontainting. Coated to give it a pure-white surface for perfect printing.

The board's combination of inherent properties – strength, purity and elegance – gives our customers the freedom to develop packaging that is ideal in every respect.

#### CREATIVE PACKAGING

We are suppliers of raw materials to the European packaging industry, committed to influencing the direction of future developments.

Working closely with the leading plant manufacturers, the conversion industry, the retall industry and the end users, we are constantly fine-tuning our products and advancing our knowledge.

All directed towards creating solutions that are tailored to the needs of our customers. Naturally,



FRÖVI CARTONBOARD SALES LTD.

- A MEMBER OF THE ASSIDOMÁN AB.
FRÖVI HOUSE, 284 B CHASE ROAD, SOUTHGATE,
LONDON N 14 6HF. PHONE 081-882 83 73.

In order to try and standardise the sometimes haphazard nature of keylines, which leave a dar studio guessing as to dimensions or colour, Aaron Associates has designed Aaronline, a keyline generation software package which attempts to standardise the language spoken by designers through to printers.

Aaronline is the electronic origination of dimensional keylines and is the dimensional equivalent of the industry colour matching system (Pantone), according to Martin Dyckhoff, ntarketing director at Aaron (Westward House, Montrose Avenue, Slough, Berks SLI 4TU - tel: 0753 553500, fax: 553532).

It provides all the dimensional requirements and infor-

PACKAGING NEWS

**MACROPAK** 

UTRECHT, 2-6 MAY FROM £381

Inclusive of return scheduled flights, two nights

accommodation with breakfast at the first class

Utrecht Holiday Inn, all applicable airport taxes

and hotel service charges.

For further information ring Pressplan Travel

on 0727 833291 or fill in the coupon below.

Pleass send further details on the Packsging News Readst Trips to MACROPAK

PACKAGING

Maclean Hunter Ltd., Maclean Hunter House,

Chalk Lane, Cockfosters Road, Barnet, Herts. EN4 0BU

Call on 0839 772268 or circle number (K3-470)

Company Nams & Address

mation for artwork and design, physical outlines, all overprint areas, bleed/seal lines and critical print area for all packaging types and styles. More importantly, it

allows sign-off for dimensions of digital proofs at every stage, includes sign-off for work notes, covers print processes to be used, number of colours, print sequence, and is supplied in foreign language versions. Until everyone involved works through the sequence of procedures paticular to them to be signed off which appears on the screen alongside the keylines, it cannot be sent off.

Mr Dyckholf tells PN that a large percentage of the retail sector is interested in acquiring the software and recommending it to their suppliers. Cau-

tions optimism in it has been roiced by most of the supermarket groups and first to test the system is Gateway/Somerfield, which is currently installing the software.

manager packaging, comonna

cations and design or Sains

bury, agrees that the general

principle of standardisation

offered by the Aaron program

provides benefits. "It would

clarify the different version of

"At the moment the degree of difference we receive in keylines is enormous: it varies from a scribble to an acetate," Paul Day design development controller for Somerfield, tells Packaging News.

"Lots of time and effort is wasted at this stage trying to decipher the keyline: that is why the opportunity for something that standardises it is very important," he adds.

Incorporated into the system is a security feature so that any variable once entered is attributed to a person and named. No change can be inade by another person on that variable, so that people become responsible for particular aspects of the template.

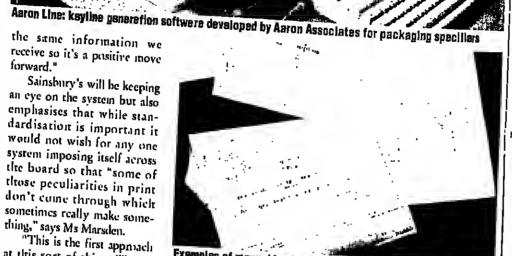
While optimistic about the possibilities for Aaronline Mr Day emphasises that "We are not looking to combat every keyline," and the company is not going to force its use on its

If tests live up to expectations, Mr Day expects benefits to include savings in time and cost and getting consistent nformation from suppliers.

#### "Working parameters"

"We believe the system will help designers and they should have the keylines available before the drawing is done: this will help them work within some parameters so we are not faced with people further down the line coming back and saying this can't be done," oinments Mr Day.

Helen Marsden, senior



in a garage action and a section of the section of

as a io cut costs and time for an ever more

imaging creates detailed images of the prod-

uct. Other systems are meeting the need to

increase cooperation along the chain from

designer to printer. Camila Reed reports.

suphisticated packaging market, while 30

Examples of manual keylines; by nature sometimes hephezard

at this sort of thing. We are keeping an open mind, Its like will increase communications the early days of VIIS and among all the parties involved, Betamax video. We don't want so that a lot more information to go for the wrong system," is required up front, "Any-Ms Marsden says that the softthing that does this I welcome. It educates everyone and opens Benefits eited are that it up designers and printers."

Mr Dyckhoff is confident the system will become an industry standard and will be supported by printers and ultimately by manufacturers.

0000

# Be a Pal to Yourself!

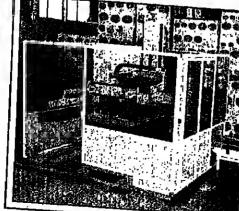
thing," says Ms Marsden.

Make a date. Get to know the Digi-Pai, the great little automatic fast thinking, freestanding (award winning) palletiser for handling widely varying products.

ware complements dar.

# The DIGI-PAL 3000®

for use in areas previously thought too small for automatic palletising (lees than 6 sq. m)



From Newtec, leading suppliers of aulomatic general and special purpose palletisers, up to multiaxis, multi-line gantry inetallations.

OPALIS patented dialogue console and monitor translates your pack sizes into graphically displayed stacking patterns (60 of them pre-programmed).



Unit 4 Great Wast Trading Estats - Great Wast Rd - Brentford Middlesex TW8 9DN Tel: 081 758 9000. Fax: 081 847 3613/0877

Call on 0839 772268 or circle number (K3-478) PACKAGING NEWS/MARCH 1991

A CKANGING DESIGN 3D imaging investment

Centre, Unit 2 Avenue One.

Leichworth Garden City,

Herts SG6 2HB - tel: 0462

4805712, fax: 670926) tells

customer

product in

3D, in four

90deg turns,

in any light

or back-

ground eff-

they go to

Retailers

decide if a

product is

correct for

the product

audience.

make any

changes at

this stage,

substantially

cheaper

than making

the bottle

and the con-

inding you

ave to write

Th

benefits of

doing it this

stage alth-

t all off."

which

ect before

colour,

Packaging News.

becomes more acute, companies are looking at ways to optimise technology in design - in order to see more realistic images of their product at an

carlier stage, and to cut costs. While thesoftware for 3D imaging exists, advanced and specialised uses of the systems dues not appear to be readily available, saystlarcompany Packaging Interface, a subsidiary of the Litho Stop Group.

An investment of £25,000 has been made in training in-house and systems improve. ment since the acquisition of 3D software and complementary hardware

Since December, clients, such as Dairy Crest and PLM Redfearn have been offered 3D unaging services.

"We can take a flat design from a profile of a container with a pre-distorted shrink sleeve label and turn it into repro-ready artwork in a mocked up format in days," Cliff Barry, md of Packaging

provide savings in time and money. "You can try the product out in the market, present prospective promos in colour without having to make the product. Any changes at this stage are lowcost since you don't need to remake plates, films dies etc," says Mr Barry.

Once the work is prepared. the company sends the clients

**EASY TO USE** 

**EASY TO CLEAN** 

**Tablet Counting Machine** 

WINTON HOUSE, STOKE ROAD, STOKE-ON-TRENT, STAFFS, ST4 2RH TEL: 0782-45361 FAX: 0782-744024

of 300, 12 lines a millimetre and a disk or material down isdn links of pure repro qualitr. further decreasing lead-

er's terrain," he tells PN.

times. Average jobs are carried

out between one and five days. Mr Barry says there is a difference between digital design and digital artwork. "We specialise in dar and do not encroach upon the design-

Having said this, the company can work from just the initial concept with colour markings. This speeds up the design process, while reducing the amount of work designers may ltave to do.

Packaging Interface's lead-Mac operator, Mark Gibbins. who was instrumental in choosing the 3D package, says he was influenced by the added

ing 3D imaging specialist and flexibility of surface textures,

the customer wants it to be. ofdar," says Mr Barry.

labels onto bottles in 3D.

The buttle, which has a Dick Tracy theme with up to eight colours and total stirround image, is part of an added value portfolio being put together by PLM Redfearn. Problems included a

chosen software. Cooperation is a big part of

TECHNOLOGY

the company's philosophy. "We speak to the printers and find out the distortion factors which are then taken into account and built in. So when we come to distort it is where

"We just need the concept work with the colour marked up. The designer can stop at this stage for the full benefits

Testing the companies capabilities has been the work on a buttle by PLM Redfearq with a shrink sleeve label supplied by Smurfit Precision Labelling, Packaging Interface believes it is the first UK company to be able to shrink sleeve

The product will be presented in colour, in 30, in four 90dag turns

very elaborate design, carrying a great deal of very thin type and an airbrush vignette.

Gillian Sheen, marketing executive at PLM, says: "We can produce 3D images on screen of a bottle and have, but what we can't do is sltrink the sleeve onto the

hortle and so ascertain the shriitkabilii y factor.

"Packaging Interface was recommended to us by Smurfit, one of our suppliers, It saves time, by allowing you to visualise the bottle immediately." For further K3 Call for details information 116 0839 772268

#### By the time you've unwrapped one of these packs ... our machine will have overwrapped Scotch another 10 Colejate Pocket Handkerchie Colgate

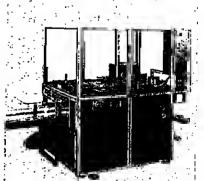
Fesi, veragiile, relieble, well proven and simple to use. That's Marden Edwards overwrepping machinery.

Colgate India

Colgate

Confectionery, tobacco, cosmetics. stationery, pharmaceuticals, video and audio cassettes - individually and in collations - the list of products that our machines can wrap is endless. Full wraps, shrink wraps, banding, tear iape, perforations, coding, print registration, sheet or leaflet insertion specify if and we'll eve incorporate it into your own specially

Soft liems, such as embossed paper napkins can also be overwrapped by adding our special compression sysiem which ensures that all the packs are



So whether you're working with cellulose, polypropylene, polyethylene, plain kraft, coated ipers, foil/paper laminntes, there's a arden Edivards overwrapper to suit

Phone us today and speak to one of our experts or ask us to send you more video of our machines in action. Better still, send us a sample of

your product. We'll overwrap it and show you how we can solve your overwrapping problems.



Marden Edwards & Company OVERWRAPPING MACHINERY

Famdown Industrial Estate, Wimborns, Dotset BH21 7PD, England. Telephons: (0202) 861200 Fax: (0202) 881400 Telex: 41202 MECOMB G. Agents throughout the World.

Call on 0839 772268 or circle number (K3-445)

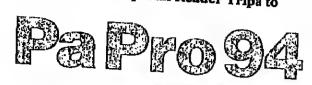
Call on 0839 772268 or circle number (K3-424) PACKAGING NEWS/MARCH 1994

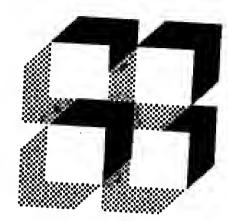
FAST

• ACCURATE

# SPECIAL READER TRIPS

PACKAGING NEWS in association with Presspian Travel have arranged a selection of Special Reader Tripa to





#### **DUSSELDORF, 25-31 MAY** FROM £294

DEPARTURES FROM BOTH STANSTED & HEATHROW AIRPORTS

Inclusive of return scheduled flights, accommodation with breakfast at a choice of centrally located hotels, all applicable airport taxea and hotel service charges.

#### **PLUS**

"EXECUTIVE EXPRESS" Special One Day Visits DEPARTING STANSTED ON Wednesday 25th and Monday 30th May **ONLY £179** 

For further information ring Presaplan Travel on 0727 833291 or fill in the coupon below.



Company Nama & Addresa

Call on 0839 772268 or circle number (K3.422)

# PACKAGING DESIGN TECHNOLOGY Report surveys market openings

A lack of data into market opportunities for UK design consultancies in Europe led the Design Association (DBA) to launch a report. The market for graphic design in selected European countries, into how UK design consultancies can penetrate these markets, which amount to over £100 million.

Supported by the Department of Trade and Industry, the DBA has focused to begin with on Germany, Scandinavia and Spain. The research covers graphics, product and interior design.

In-depth interviews were conducted with over 100 major buyers and suppliers of design services and trade associations.

The report pinpoints where potential growth lies and how to tackle it. It also includes an analysis of market size and structure, number and type of suppliers, attitudes towards UK consultancies, future trends and the design consultancy relationship.

"Informed

Ian Rowland-Hill, chief executive of the DBA (29 Bedford Square, London WCI - tel: 071-631 1510, fax: 071-255 2027) tells PN: "Our research gives a clear informed view of the European market for design. The information should act as a catalyst for those aiming to enter, improve or consol-

idate their position in Europe." Of the countries studied, only Spain has a longstanding tradition in graphic design. Must of the country's leading design consultancies are involved in the field.

Fmcg (fast-moving con-

sumer goods) companies, particularly in the food and drink and tobacco sectors, account for the mainstay of demand for graphic design, accounting for close to half of graphic design sales by consultancies in the countries surveyed.

The nature of the food and drink industry in each nation appears to some degree to have influenced the simicture of the graphic design consultancy market. "In Germany, where the industry is fragmented and largely regional, demand has largely been met by small local designers" says the report.

#### "Export oriented"

In Spain and Scandinavia the food and drink industry is more export oriented; the report concludes that this has encouraged the emergence of the leading graphic design consultancies.

One area in which UK consultancies are unequivocaly regarded as superior to their local counterparts by designers and buyers alike is in their business methods.

Of the markets surveyed, the largest is in Germany, where the food, drink and tobacco industries are just overtwice the size of those in the UK with a turnover in excess of £80 billion.

Stimulating trends identified in Spain are: a growing awareness of the value of brand differentiation, an emphasis on quality, particularly in exportoriented sectors such as wine, and the redesigning of labels aimed at export markets in order to conform to European Union labelling requirements.

# Blue and original

A true blue contender for the Durch national packaging awards is a bottle designed for the launch of a vodka hy Dutch distillers Hooghoudt, called Royalty Vodka, primarily aimed for the USA and Asian markets.

Amsterdam-based Designers Company was asked to design the vodka for export markets as well as choosing the brand name.

"The sturdy glass bottle was to be royal blue with finely contoured curves leading up like rounded shoulders to a long neck bearing the Dutch royal seal\*, says Rob Verhaart creative director at the Designers Company (Oranje Nassaulaan 9, 1075 AH Amsterdam, The Netherlands - tel: 010 31 20 671 9988, fax: 671 5093).

But says Mr Verhaart "The bottle's erowning glory was left for the lower mid section. There, securely fastened to a dimple in the glass was the essence of Holland - a coin known affectionately by the Dutch as a 'dubbeltje' (a little double)". This tiny silver coin is just 1.5cm wide.

Pieter van de Rest, client



Tha royal blue vodka beitle

services director, explains: "The royal blue colour stands out as fresh and ice cold. Even more it suggests quality. While the shape of the bottle is unique its sturdiness and simplicity are clearly in line with the times."

The bottles are manufactured by Gebruder Stoevesandt in Germany while the print silver lettering is done by French company Saga Decor and the UK from MSG Closures preduced the seed cap.

# Digital artwork on show

Darpack 94, an exhibition dedicated to dar (digital artwork and reproduction) in packaging will take place on November 9 and 10 at the Novotel in Hammersmith, London,

The event, supported by major pre-press suppliers aims to attract around 40 companies and 2000 visitors for the specialised show.

"It will enable suppliers of pre-press and packaging systems, dar services and data communications to target the important and rapidly growing market in packaging," says exhibition manager,

Gary Swinford of HR International Exhibitions.

"The level of acceptance of dar amongst retailers, FMCG companies and packaging manufacturers is patchy. Darpark gives suppliers a clear focal point in which to sell the henefus of the dar process to brand, prodnet and marketing managers without over technicalising."

For information, contact IIR International Exhibitions. Post Office House, Sambourne, Wores - tel: 0527 892454, Jan: 894127.



# PACKAGING DESPGN TECHNOLOGY 47 Software gives palletising solutions

Tony Baker design manager at

Rockware Glass (Headlands

Lane, Knottingley, W Yorks

WF11 OHP - tel: 0977 674111,

specifications each month for

Rockware's plants and cus-

tomers. The majority of this is

bottles only and will involve

the company working with

designers. "We take the con-

cept and make sure its a manu-

facturable product, giving them

an engineering input so that a

perspex model can be made if

Rockware also supplies

necessary," explains Mr Baker.

Swift electronic design system

the design and mock up of 64

different beer labels within a

Although du Bois specialis-

es in design consultancy, the

company has been structured

to assist clients in a number of

other areas. This includes mar-

keting consultaney, the devel-

opment of long term brand

strategies and the provision of

period of six to ten weeks."

It produces on average 250

fax: 607256),

Packaging design technology is one of the factors helping new packs reach the shelves faster. "The latest cad/cam systems, for example mean that technical engineers can design a com plex-shaped bottle in two hours", Simon Richmond marketing manager at Rockware Glass, tells Packaging News.

Packaging design technology via software packages is also ensuring that products arrive on retailers' shelves undamaged by devising optimum packing and palletising solutions for containers through their distribution process."

So that its customers can get the most from such technology, Rockware encourages its use at the concept stage of any new bottle.

To do this, Rockware has developed a software package ealled Transpack which helps the company design packaging for both empty and filled glass containers.

In use since the early 80s the company has been updating its software and hardware to offer customers and clients more. The program was 50 per cent available off the shelf and the rest of the program was customised for Rockware.

It provides models for packing and palletisation and recommends the best use of pallet and transport space, says

With 30 to 40 projects in dif-

ferent stages of completion in

any week, du Bois Ording

Design by, a Dutch packaging

design consultancy, makes full

use of Barco Graphies' elec-

tronic design and production

systems. Mr Sieben du Bois'

md explains: "Without such a

system it would have been

impossible to have completed a

recent project which involved

packaging in two modes, taking the customer's pack and filling it or demonstrating the bulk palletisation method. Work is done on a variety of packaging concepts, although the company rarely gets involved in the eustomer's design of a pack.

Design is limited to the surface of a bottle: labels and colours are not usually added. Mr Baker says that while the firm has the software for this it does not currently have the hardware to match, although in future it may go down this route. Some work currently

"Our computer configura-

tion is not seen as one of our

unique selling points but it

forms the backbone of our

This year it became the

internal organisation," he says.

first Beta site to install Strikel

Barco Graphics' (50 Suttons

Park Avenue, Reading RG6

1AZ - tel: 0734 664611, fax:

665070) latest creative

linework design package.

done involves enhancement for existing agencies.

The company thought that with the introduction of 3D imaging fewer perspex models would he made. This has not been the case. "We are supplying more perspex models than ever. I don't think you can do away with the perspex or glass model because people still like to feel the bottle and see the iextiire," says Mr Richmond.

After consultation with a customer, Rockware produces a 2D outline and then a 3D image. The next stage is for the container design to pass through a series of stringent quality control procedures computerised analysis of both stress glass and temperature distribution are an integral part of this process.

As soon as the design has been approved, the customer receives a colour screen image plot print, complete with a detailed technical specification approved to BS5750, which is then passed on for the design of mould equipment.

\*The continued influence of computers in the development of packaging companies commercial and technical functions is guaranteed and the area of design will be no exception," says Mr Richmond.

.................. Strike! is aimed at designers who are already using a Mae or pe based package like Illustrator with the Aesthedes linework console from Barco. It combines the design packages of all these with new functions in one package. Menu and windows are user friendly. Telford Additional concepts include automatic curvature control in splines and a mixed interac-Tel: 0952 677432

tive/numeric approach in all

design functions.



SMALL IN SIZE

**BUT BIG ON** 

**PERFORMANCE** 

**TRY THE** 

**BUSCH** 

'TINY'

& Systems

Busch (UK) Ltd Hortonwood 30/35 Shropshire, TF1 4ET

Fax: 0952 677423

визсн

Cail on 0839 772268 or circle number K9-475

S MURRAY& CO Holborn House Old Woking,

Surrey GU22 9LB



Bottles are our buainsas. At Murrays, we offer one of the widest ranges of standard bottles in the UK. What's more, we manufacture a large proportion of them ourselves in our own factory, and we maintain very large stocks of other bottles at all times, from 15ml to 1 litre.

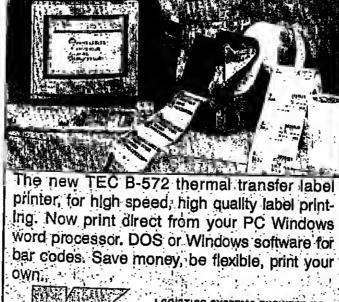
Naturally, this gives our customers a big advantage. Because they know that by ordering from us, they can expect prompt delivery.

As we said, bottias are our buainsss. We design and develop them. We produce and overprint them. We stock and distribute them. We also make a wide range of Jars. Whatever size, shape or quantity you require, always contact Murrays first. By phone on (0483) 740099. Or by fax on (0483) 755111. We'll talk to you about your needs, give you objective advice, and offer the solution which suits you best.

Csil or fax ua today for a free copy of our cstalogue.

Call on 0839 772268 or circle number (K8-407)

PACKAGING NEWS/MARCH 1994



**NEW LABEL PRINTER** 

LOGISTICS SYSTEMS ENGINEERING KTEC Technologica Ltd, Tschnology house Ssatisid Lane, Beoley, Radditch B98 9DL KTEC GROUP Tal: 0564 74 2629. Fax: 0564 74 2856.

Call on 0839 772288 or circle number (K3-427) PACKAGING NEWS/MARCH 1994



Call on 0839 772268 or circle number (183.444)

Pleasa aand furthar information on the Packaging News Reader Tripa to Pa Pro 94

PACKAGING

Maclean Hunter Ltd., Maclean Hunter House, Chalk Lage, Cockfosters Road, Barnet, Herts. EN4 OBU





# CONVERSING PRODUCTION & PRINT

# Six-colour promises savings

A six-colour Komori Lithrone 40 with semi-automatic platechanging has been officially commissioned at S&D Cartons' recently opened 20,000 sq foot factory in Crewkerne for food packaging, which accounts for over 50 per cent of the firm's current output.

The press forms the central part of a £2 million investment programme at the site, which also includes a Bobst 102SE die eutter and Domino 90 folder gluer.

The Lithrone 40 is the company's second press supplied by Komori UK Ltd (Kirkstall Industrial Park, Kirkstall Road, Leeds LS4 2AZ - tel: 0532 79909, fax: 798669).

Philip Jackson, S&D's md, says: "The six-colour capability as opposed to our existing four, will see significant savings as the majority of our production will be achieved in one Preparing for Papro '94

The third international fair for

package production, paper,

film and foil manufacturing

and converting machinery,

materials and processes, Papro

'94, will take place from May

25 to 31 in the Düsseldorf Exhibition Centre, Ger-

many, with about 700

exhibitors signed up

and around

For the first

40,000 visitors

time and run-

ning concurrent-

ly with the fair

will be the Zell-

chemin-Expo

run by the Ger-

man Association

of Pulp and

Paper Chemist

and Engineers.

On the last two

days, the Paper

Technology

Foundation is

also organising a

expected.

pass, instead of the current two. The semi-automatic plate changing (sape) and automatic wash-up will also dramatically reduce setting times while the automatic blanket washing will also save time both at set up and during the run."

# "Expected

Sape was chosen over automatic plate changing due to the short and medium run nature of the work undertaken by S&D as well as cost. Payback is expected within the first year. Set up times in total arc expected to halve. "Six colour change can be achieved in an hour, before it took us two," Mr Jackson tells Converting World.

The in-line coater will have a double extended delivery sec-

are up on the previous fair with

German participation, fol-

lowed by Great Britain with

Italy has the largest non-

28 countries now represented.

tion, which combined with the addition of hot air knives to the IVT infra-red drying unit will allow higher weights of emulsion coating to be applied and higher machine running speeds to be achieved without incurring any drying ur blocking problems.

For varnish finishes Mr Jackson says that after considerable debate ir was chosen over uv curing because it was considered conventional inks still provide a higher print quality. Recent developments with emulsions and drying systems enable in-line emulsion coating to achieve gloss levels very close to those obtained with uv in-line systems.

However, the occasional demand for a 'supergloss' finish will be met by moving the existing Champion press at the Yeavil plant to Crewkerne 

Canada, China, India, Indonesia, Japan, Taiwan, Thailand and the Bahamas will also be exhibiting at the show.

Hall 3 is being dedicated to environmental technology and trends. Around 120 exhibitors will be displaying

over 2500sq m, and the Technical University of Berlin will be running seminars with environmental themes. Of the 32 British companies

attending, 12 will be

on a joint national

stand, coordinated

by Picon, the UK Confederation of suppliers to the printing, publishing, pulp, papermaking and converting industries. For further details on the international exhibiion, contact: Dusseldorf Trade Fair Agency Ltd, Charles House, 108/110 Finchley Road, London NW3 5[] - tel: 071-79 0166, fax: 071-435 9967.

# **EFTA elects secretary**

Overall foreign exhibitors exhibitors. Companies from

Tony Bath is the new secretary of EFTA, the European Plexographic Technical Association, following the retirement of previous secretary, Jack Birch.

development trends in laminat-

Mr Bath has recently retired from Sidlaw Packaging - Colodense where he was production manager. His extensive experience of flexo and gravure printing plus his netthe industry give him an ideal background for his new position. He will also be maintaining direct 'hands on' contact with consultancy work that takes him into print works.

The USA comes fourth on the

list of countries with 24

Jack Birch has retired after ten years with the association. during which time the association has increased and held its mem-

bership of 310, despite the difficult trading times. Chairman of EFTA, Alan Ellis paid tribute to Jack by saying that everyone in EFTA realised and appreciated his work over the years: he praised his "sheer dedication, enthusiasm and integrity".

The new contact address for EFTA is: 7 Limerick Road, Redland, Bristol BS6 7DX tel/fax: 0272 246965.

nish coating machine and will be equipped with a uv drying

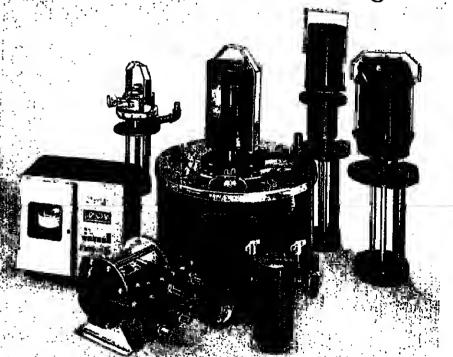
This additional plant will be dedicated totally to the food packaging market and has been built providing a hygienic environment for production. Expert advice on the necessary specifications has been providby ADAS.

Mr Jackson says: "The help from ADAS has proved invaluable and our customers can be confident that all requisite provisions have been met"

The company's Yeavil facilitates will continue to handle non-food related packaging. There is room for a second press and die cutter at Crewkerne although the company is not planning one at present.



#### Graymills Ink Pumping/Conditioning



Complete Systems or Components

- □ Ink Pumps □ Tanks/Containers
- □ Filters □ Viscosity Controllers ☐ Anilox Roll Cleaning Equipment

Graphic House, Bank Street, Macclesfield, Cheshire, SK11 7BR Tel: 0625-429211 Fax: 0625-614900

Call on 0839 772268 or circle number (K3-675)

#### CUSTOM COATING AND LAWINATING SERVICES

- Development facilities.
- © Technical Support.

ILI

- Proven quality control systems.
- © Coated and laminated products,
- Plus subsequent conversion.

For cost effective, confidential work, call Mike Draper

FERRISGATE LTD.

Ferrisgate House, Burrell Way, Thetford, Norfolk IP24 3RA. Tele: (0842) 766308 Fax:(0842) 754438

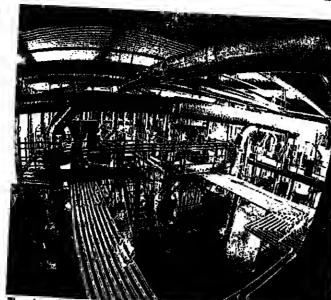
Call on 0839 772268 or circle number (K3-672)

A high technology liquid inks plant for flexible packaging has been opened by Sun Chemical Georget a subsidiary of the US inks manufacturer Sun Chemical, in Nantes, France at a cost of US \$11 million.

Current production is 4000 tonnes a year, of which half is water-based inks and the other half solvent-hased inks. By year end the company ains to produce 7000 tonnes of liquid inks on a variety of substrates and colours, and will start by mainly serving the French market, Benoit Glories, general manager of Georget, tells Converting World.

There are two computercontrolled dispensing systems. Once a floor technician has programmed the proper ink formula and manufacturing specifications into the computer, raw materials are automatically pumped to the assigned large or small batch blending tank where electronic sensors





The plent: liquid maferiale are transported by en eleborate system

monitor the entire blending operation. All the liquid mater ial, solvent, varnish and semifinished products are Transported along 7 km of pipes, running overhead Once directs the transfer of the fig-

ished ink to the dispensing line: in spectrophotoniciers: the cranpany believes that in future only these informatic machines will be used due to the large memories and different ways of measuring colour.

To comply with environmental regulations the firm ha installed a dust and solvent extractor and the air is changed about ten times an hour. Each extractor is connected to a mini stack from which emissions can be regulated (Sun Chemical in the UK is at Cow Lane, Watford, Herts WD2 6PL tel: 0923 661 966, fax: 677015).

# 

Roller prevents creasing A stretcher bowed roller, avail-

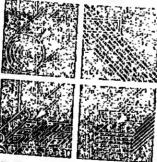
able under the TEMA name from Jarshire Ltd, is said to eliminate all the creases in the web as it enters the knife area.

In operation, it applies tension evenly across the full width of the web, pulling ourany crease that may have been wound into the material. It works equally well with paper, board, film, foil or laminates.

Equal tension ensures that the slit-down rolls are to a high standard of dimensional accuracy, says the company (Levels House, Bristol Way, Stoke Gardens, Slough - tel: 0753 825122, fax: 6946531. Construction of TEMA bowed rollers is from rubber, to lengths and dianeters specified by the customer.



Electrostatic Discipline



med discharging - the creative force

In the plastics industry and in the textile, printing and paper industries, high production speeds lead to undesirable static charges. The Eltex electrostatic discharging systems eliminate charges and use discharging effectively to improve productivity. Ask for our information material.

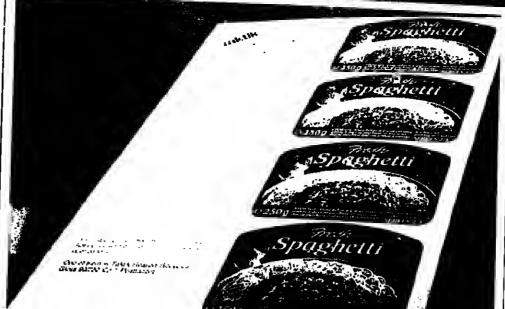
# Eliminate Static Effectively



Arrowquint Limited Derllwyn House, Lamb Lanc Ponthir, Newport Gwent NP6 IHA Tel: 0633/422292 Fax: 0633/430041 forthern Office Tel: 0274/734616

Call on 0839 772268 or circle number (Kerns)

PACKAGING NEWS/MARCH 1994



Spot the difference: Tektik Reeson Recycled Gloss 80 is difficult to identify emong etenderd leminetes

# Low cost label laminate

What is described as an environmentally friendly alternative roll label material without a large price premium - that can be used for any primary self adhesive label job, has been launched by Samuel Jones & Co Ltd.

Called Taktik Reason Recycled Gloss 90, it is seen as an attractive option for many retail primary labelling uses where environmental issues are paramount, but the company believes it should also appeal to converters who have been deterred in the past from

choosing recycled papers because of the significantly higher costs. This laminate uses low cost

recycled material which would otherwise be discarded, says the company (Butterfly House, St Neots, Huntingdon, Cambs PE19 4EE - tel: 0480 475351, fax: 475351). It is an opaque double elay coated, medium gloss paper, manufactured with 50 per cent reclaimed post industrial waste consisting of de-inked magazines.

Depending on the pulp quality, the balance of virgin

strength characteristics in this 90gsin product to allow good dic-cutting and waste stripping performance. During this introduction o the laminate, different Taktik

from 20-30 per cent of one or

the other to provide the correct

label papers were printed with the same 'Fresh Spaghetti design and 75 per cent of label printers who viewed these examples were unable to identify the new recycled grade.

tion of flexo carton presses. cuss new markets and quality.

#### Popular pre-press event Gavaert, Aldus, Apple, Barco,

British Telecom and CFC.

Unlike 1993's one-day

event, Spring into Repro 94

will take place over two days in

order to give delegates more

time to attend formus and pro-

vide an apportunity to take

part in breakout groups to

look at subjects in depth and to

Spring into Repro 94, the UK pre-press event, is set to be arger ilian last year's event with over 20 of the UK's leading pre-press manufacturers and around 500 delegates expected to take part.

The event will take place at he Earl's Court Park Inn International, in London on April 20 and 21. Companies taking part in Spring into Repro 94 already include Agfa-

Course and

seminar on

EFTA, the European Flexo-

graphic Technical Association,

has organised a seminar and

training course on the flexo

process which will take place in

luproving flexo quality' i

a one-day seminar on 18 May at

The Manor Hotel, Mcriden,

close to the NEC Birmingham.

It is said to allow every printer

to improve quality, reduce

waste and maximise profit. Sub-

ects include new types of ink,

ultra fine anilox rolls, plates and

their accuracy, proofing and

mounting and the new genera-

A converter will also dis-

May and June, respectively.

Further details can be obtained on: 0737 780150. 

view equipment.

Prices are £70.50 to meinbers and \$94 to non-members including var, while prices for the 'hands on' training course which takes place from 21-23 flexo quality June will be £329 to members and £399.50 to non-members.

#### "Experience on presses"

This includes tuition, manuals, accommodation, meals as well as vat and will take place at the West Herts Collage, Watford Campus. Called 'Understanding the flexo process', the training will include classroom work as well as experience on the college's Windmoeller and Mark Andy presses. Details are available from new secretary Tony Bath at 7 Limerick Road Redland, Bristol BS6 7DX tel/fax: 0272 246965.

## COMAT 2 LAIR T STIAM MACHINES COMAT 100 SON FIRE 100 SON FIRE 100 TWIN THACK FIRE 100 TWIN THACK FIRE 175W 175W 59W FIRE 75W 175W 69W FIRE 75W 175W 69W TC FUC 105 - POUCH SCALER FUC 106 TWIN WICKETER FUC 106 SIDE WELD A INTERIOR PAICH LEMD DISPONATESO DICT A PAICH SCAE TWIN LAME T SHILL MACLINE STIEGRERI SI 050 PLUS PLOCAGISTS STEEDER OF TOO PLOST PLOCATION STEEDER OF TOO PLOST PLOCATION WATER OF TOO PLOST PLOCATION WATER OF TOO PLOST PLOCATION WATER OF TOO PLOCATION PLOCATION SING WAY! CANTING BASE PARCHINE SLOWN FILM LINES SLOWN FILM LINES

ST / SOUWAY

400年至15年15年15年10年

CONTRACTOR ASSESSMENT

GHO PARED BLACK PARED

8OTTOM-WELO BAQ ON-THE FIOLL

ARYON 872 CL 1182 GGL ARYON 2000 QL ARYON 1160 CL GUNTER ELB 1100 - PUNCH BANKS GUNTER YSK 2460 SHIGLE AND ROLL BAGS.

.EMO UNAIND, SUIT SEAL POST GUSSET:

SIDE-WELD CARRIER BAG MACHINES

M Deureo

MACHINES

JAMONTALINATIONAL

AFE - 60 MM, ROY, 250 MM INE, 1340 MM DOWNS INEAM AFE A 90 MM, ROY, 360 MM OIE, 1600 MM GLOENCO 3 LAYER CO EX HOPE URAS

WINDER
NEFEL ROTEX 49 (4)
NUME 45F, LOJID. IM DOWNSTREAM
NEFEL ROTEX 49 (4)
NUME 45F, LOJID. IM DOWNSTREAM
NACH 163 10 00360, RG, 1890, 180/MM OSCIL
LATING FAVE 0FF, 1800MM AUTO DOUBLE
WINDER, FOR 1600MM DIA REELS
NIP UNITS 2 2 AND 2 4 M JR
RECLATM

MIP UNITS 22 AND 24 MIR RECLAIM PALZONI MIM 50 HYDRECLAIM UNIT PASTORELUD 65 MILI RECLAIM UNIT PROCESS CONTROL UNIT (ASR) 1981 SIKOPLASI 14090 AND 180/110 ALPINE RE 180 NO. 1984 FLEXO CI.

HAULED 1990
PADANE STRATON, 6 COL, 1650 MM, 1978/30
PADANE STRATON, 6 COL, 1650 MM, 1978/30
PSCHER & KRECKE 12DF, 4 COL, 1650 MM, 1978/30
1976
BIELLONI, 6 COL, 1280 MM, 1982
UTECO CORAL, 8 COL, 1650 MM, 1982
MAF GALAYY, 8 COL, 1650 MM, 1984
FLEXO BTACK
CARRARO, 4 COL 116 COL FRAME, 1270 MM, 1987
PRINT, 1678
CARRARO, 6 COL, 52" (1270 MM), REVERSE PRINT, 1678
CAF SUPERI-FLEX, 8 COL, 50" (1270 MM), REVERSE PRINT, 1688
FLEXOTECNICA, 6 COL, 1650 MM, 1962, 3 MTR
UW/RWY

UWARW MAF, 4 COL, 650 MJ) SCHIAVI FLEXCUET, II COL, 1530 ARII WEB, SCHAVIFLEXCUET, II COL, 1530 MRI WEB, 1971

LEADERFLEX, 2 COL INLINE, 1018 MM 1988 (6HOWROOM MACHINE)
FLEXOTECHNICA, 3 COL, IN 4 COL, FRAME PRESS SECTION, 1900 ISM PRINT
WOLVERINE, 3 COL, 512 MM, 1200 MM, WEB 1250
MM DIA UNIW, 1650 MM, 1860 MM WEB 1250
MM DIA UNIW, 1658
CARRARO 1236, 6 COL, 1050 MM, 1864
FLEXOTECHNICA BETA 508, 6 COL, 1450 MM, 1988

1988 UTECO INLINE, 4 COL., 1250 MM WEB, 1990 CMAL IMUME, 4 COL., 1600 MM WEB, 1997 ANDRECOTT. 8 COL., 1800 MM WEB, 1997
ANDRECOTT. 8 COL., 800 MM, ALTO SPLICING,
800 MM, PACKAGING PLUS, 1970
HOLWEG, 8 COL., 810 MM, NON STOP UW/RW.
PACKAGING FILMS

OMEC. 7 COL, 1000 NM, PACKAGING FILIS TECMO HELIO 108, 8 COL, 830 MM, 1978 WAH MERICUR, 7 COL, 1000 MM, PACKAGI

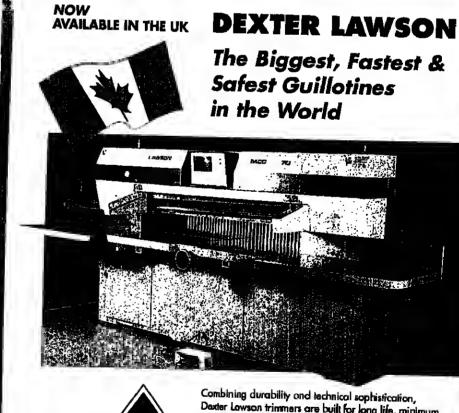
WAH MERICUR, 7 COL. 1000 MM, PACKAGING PILMS SICICI, 7 COL, 1030 MM WES, PACKAGING SICICI, 7 COL, 1030 MM WES, PACKAGING SICICI, 7 COL, 1030 MM WES, PACKAGING LAMINATING BARMAG / ER-WE-PA EXTRUSION COATING/LAMINATING LINE, 500 MM EXGLAN EXTRUSION COATING/LAMINATING LINE 1000 MM.

POLYTYPE 'SOLVENTLESS', 1040 MM 1878

FOR PYDC AND COLD SEAL CUTTING
BARNAG EXTRUSION COATING LINE
BURAN DRY LAMINATOR. FILM TO FILM,
1200 MM, CIRCA 1977
8LITTING/SHEETING
DUSENDERTY TYPE 800, CENTRE SURFACE, 1400 MM WES, FILMS
GOEBEL DUPLEX, 1550 MM, 1970
OCEBEL WILEX, 1550 MM, 1970
OCEBEL WILEX, 1550 MM, 1970
OCEBEL WILEX, 1550 MM, 1970
GOEBEL WILEX, 1550 MM, 1970
HARNOEN B4, 820 MM, SHEAR CUT, SINGUE RW, NONEXT FILMS AND LAMS
ELDEC PAPER BLITTER, 1150 MM
WEB, 1000 MM UNIVIND, 800 MM REWIND
TITAN 6RS, 1300 MM WEB, 1000 MM UN,
CUPLEX 600 MM FW.
KAMPF, 1300 MM WEB, 600 MM UW,
OUPLEX 530 MM RW
O

MOUNTING/PROOFING MACHINES SIEFFEBI, OPTI-CHECK, ANDERSON & VAEELANO, MOSSTYPE

WEST STREET WORSBROUGH CALE, BARNSLEY SOUTH YORKSHIRE \$70 5PO TEL: (0226) 202101 TELEX: 54699 80LWAY 0 FAX: (022B) 249595





Dexter Lawson trimmers are built for long life, minimum mointenance and unprecedented levels of safety in all phoses of operation.

Offering the ultimate in power and precision, Dexter Lawson trimmers combine high cutting capacity with extreme accuracy - for any weight of paper and board.

Dexier Lowson guillotines, monulactured in Conado, are now available in the UK for the first time in nearly fifty years in a wide range of sizes (110", 87", 70", 60", 52" and 47" culting capacity) and are supplied exclusively by:

stanley

Representative for Ireland: WALTER NASH & Co. Ltd Tel: 010 3531 540422

Graphic House, Bank Street Macclesfield, Cheshire SK11 7BR Tel: 0625 429211 Fax: 0625 614900

Call on 0839 772268 or circle number (K3-682)





Where will

you be in

June 1994?

PARIS NORD VILLEPINTE, FRANCE, 20 - 25 JUNE 1994 Open 09.30 to 17.30 hrs delly, closing at 1600 hrs 26 June 1894







France: tasy-Les-Moutineaux Cadex, France

Corrugated 94, P O Box 492, Brooklield, IL 80513-0492, USA Fex: +1 7G8 344 9482

Call on 0839 772268 or circle number (K3-685)

Paris. This Event - Corrugeted 94, the world's first and only trads exhibition exclusively dedicated to the needs of the corrugated board and boxmaking Industries. A six dey event feeturing over 260 companies representing

22 countries - covering every sactor from corrugated case rew meterisie through corrugeting, converting, materiele handling to weste extrection and baling - will be exhibiting et this unique 'working equipment' exhibition.

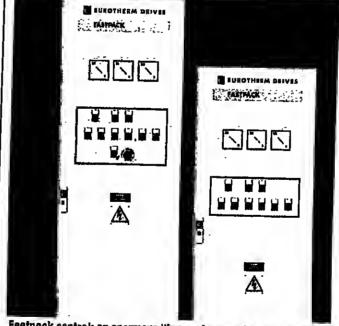
Start planning your visit to Corrugated 84 by sending for your complimentary ticket(s) worth 150FF NOW!

There's never been an event like Corrugated 94/ Please send \_\_\_\_visitor pack(s) including the complimentary ticket I am interested in exhibiting at Corrugated 94, please contact me 🛘

Please fax or post to either:

Corrugated 94, CDS-France, 8P 18, 82132 Fex:+33 1 48 46 12 43

Speedy provision of drive system EUROTHERM DEVEL PASTPACK



feetpeck control: en enormous librery of pre-engineered optione

A custom designed 47kw DC drive system from Eurotherm Drives Ltd was delivered, installed and commissioned within three days of order placement to the Aerosol Products Group of the Avon Rubber Company.

When a 20-year-old AC variable speed commutator motor failed on a 90mm rubber extruder the decision faced by Avon Rubber was whether to refurbish the existing equipment or source a new drive. As the cold feed extruder is the principal producer of sheet rubber for the manufacture of acrosol sealing gaskets at Avon it was critical that the line was running again as soon as possible. Avon found it could source

a complete new digital DC drive system (customised to its requirements) from the Fastpack range from Eurotherm in a quicker time and at comparable cost to the original motor being refurbished.

The Fastpack system provides an enormous library of pre-engineered options.

Eurotherm Drives is based at New Courtwick Lane, Littlehampton BN17 7PD - tel: 0903 721311, fax: 723930.

CONVERTEX 94 wift open ifa doors to the UK converting Inductry from 20-23 September 1994, at the NEC Birminghem. As well as the dedicated show itself, inifiefives euch ee aemfners end e Flexographic Conference will take piece, cey orgenieers, Read Exhibitions (081-94g g800).

8PECTRAL TECHNOLOGY (0753 [528151] hee won en order for e combined uv/infra-red drying eystem from Kent printer, Crest Certons which is to be fitted to e new six colour Rolend 700 press with coeter.

REPRESENTATIVES OF 17 British compenies menufecturing and supplying technology to the printing, publishing, converting, pulp end peper industries witi feeve tor a fwo-wesk frede mission to Melaysie and Singanore on Merch 19. The mission is organieed by frade organisetion, Picon (071-831 3803).

FLEXO

ASHAI, AJF-11 photopolymer platernalong system, 782mm x 1016mm.

BIFFFEBI, V400 stereo moulder, R3 stereo grinder, M309 proofer.

COBDEN CHADWICK, LOGOFLEX, 2 col. stack type 1250mm web width.

COBDEN CHADWICK, 8 col. Ct. 815 mm web width, in-line coater.

FISCHER 8 KRECKE, 120F, 4 col. Ct. 1050mm web width trun-bar.

OMAT, 185, 4 col. stack type, 1850 mm web width, 300mm dia, reels.

PADANE, 2001AC, 6 col. Ct. 1350 mm web width, doe. blades, turn-bar.

PGMC, 6 col. Ct, 1180 mm web width, doe. Nades, in-line temionalor.

Mades, in-line lamionalor. PADANE, ZBUS, 8 col. Ct., 1250mm web

width, in-ine laminator MNOMOELLER & HOELSCHER, 734, 1450mm web width, non-stop un/rewind, GRAVIJER

HAMPLAIN, 8 col. I 120mm web width,

ffexo printing capability. CHESNUT, 7 col. 840mm web width, die-

CHESNUT. 7 cot. 940mm web width, dis-cuting, 1800m dis. reels. CERUTTI. 200R, 6 cot. 820mm web width, 1250mm non-stop un/rewind. CERUTTI, 24R, 9cot. 820mm web width, 1000mm non-stop un/rewind. GOEBEL, REGENT 920, 5 cot 920mm web width, 1200mm dis. reels. HOLWEG, H4, 7cot. 620mm web width, non stop un/rind/wewld.

HOLYVEG, H4, 7col. 850mm web width, non intop unvinderwind.
NO H5181EK, 550, 4 col. 220mm web width, NOCHSIEK, 550, 4 col. 220mm web width, 1000mm non-edop unviewind.
ROTOME C, ROTOPAK, 6501. 720mm web width, 1000mm non-stop unviewind.
DATWYLER, POLIE MINASTER 18BL, 1800mm ince, 800-1830mm repeal.
COATMO LABINATING PETRIUSION EGAN & BLACK CLAWGOM, extrusion lines, 1050mm & 1100mm web widths.

Unit 2, Stations and Eat., Güroyd Lane,

Dodworth, Barnaley, S75 3EJ Tel: 0226 731418 Fax: 0226 731428

CARRONGROVE PAPER MILL. pert of inversek, is investing £500,000 in new thin efock cleeners seld to ensure that e cleaner end product will reach will also facifitate plenned increesea in output.

FIFTEEN COMPANIES heve Joined the official Briffsh Group - co-ordinated by Picon - for QEC 94, the Internetional exhibition for the peper, printing. publishing end converting industrise feking piece from 4-11 June, in Milen. Over 700 exhibitors will greef vieltors to this ftellen show.

FAUST, leading ouppiler of thermographic powder end equipmenf, hee reported an incresse in demand for its peerleocent range of powders einco they wore eeen af Ipex. Users ere eeld to be ettracted by the low cost compared to metallic powders end inks, says the compa-

THE WALL OROUP, Austrie's largest pockaging prinfer, hes instelled two sheet fed presses from KBA-Pleneta (0923 819922]. A Verimer VL97, with nine printing units, has been installed ef Well'e heedquarters in Grez end includee o flexo sfefion and varnishing tower.

INTERNATIONAL (8)

8LITTING/REWINDING/RHEETING
ALAN DUFFY, HAWK, simplex eliter,
920mm web width, 1500mm die. resis.
BIELLON, B-5, siller, 1250mm web width
1000/800mm die. resis.
DUSENBURY, 635 & 800, duplex &
cht/sur.

COLVEUR. KAMPF, UNIVERSAL 6F, CONTAUT BITTER

1800mm web width, rezol/shear cut. SCHMUTZ, simplex effiter/rewinder, 1450mm web width, 1300/1000mm die

reels. TITAN 9R3, duplex slitters, 1220mm &

1500mm web widths. HOREMA, JAGENBERO, 8TRECKER, STRACHAN sheeters, 1000mm & 1250mm

STRACHAN sheeters, 1000mm & 1250mm wide MISCSLLANEOUR CROS-FIELD, 150 & 160 automatic print registry controls & speres.
DEXON, HEIOIMANIN, emboseing machines, 800mm web widths. PAGENARA, dryer module, 800mm web width, 2mts, long, gas burner.
PERKIN, 38-1500, caudboard core/tube cutter, 7078mm dis, cores.
BIKOPLAST, reclamation plant for thermoplastic wester eg., PET, PP.

Gaorgia, 30202 Tel: 404 442 9264 Fax: 404 664 0452



# Slitter clinches Swedish order

A valuable export order was clinched when a party of Swedish papermakers visited the Scottish mill of Tait Paper to see a specialised Dusenbery slitter in action.

The machine was running at 450m a minute, turning out eight plain paper copy rolls every fifty seconds with no operator input.

The visitors had come from the Peterson (ex Billeruds Bruk) null at Seffle, one of the world's leading manufacturers of greaseproof paper, to find a slitter able to handle baking papers with silicone release coatings on both sides, automatically and at speed

As well as guaranteeing high output of material that is slippery and difficult to convert, the machine had to match the automation of a packing line with robotic roll handling and automatic film wrapping, palletising and shrinkwrapping.

The Model 613 paper roll slitter with automatic core loading, start up, cut off and ejection of slit rolls onto an off-load conveyor met these demands, says the company (Shuttleworth Road, Bedford tel: 0234 349561, fax: 261844).

Crushed Reels?

Tidland Roll Savers can help. Portable,

TIDILANITE LIKELIMITED

70-72 MANCHESTER ROAD, DENTON, MANCHESTER M34 3PR PH. 081-320-7242 • TELEX 88-6788 • FAX 081-320-4513

hydraulic, easy to use. You can restore

crushed rolls in minutes with a Tidland

Roll Saver. For core sizes of 70-150mm.

To order call 061-320 7242

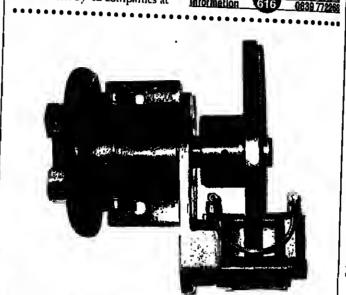
# Corrugated exhibition

The first event exclusively dedpresent, including Aema UK outed to the needs of the Ltd, CMC Europe Ltd. world's corrugated board and Kirby's Converting Machinery boxmaking industries, Corraand Unico UK. gated 94, will be held at Paris Visitors to Corrugated will Nord Villepinte from 20 to 25 not only find an international June, with exhibitors from 22 countries, and will show prodnets and technology for corru-

and totally representative trade exhibition but will also view a number of features examining gated board manufacture and industry issues and celebrating achievements with corrugated Organised by Reed Exhibisuch as an Art and Corrugated tion Companies the Paris exhiexhibition. bition will feature some 290 For information contact supply companies from around Jane Harris, sales and markerthe world covering corrugated ing director, Reed Exhibition case raw materials though cor-

> Quadrant, Richmond, Surrey TW9 IDL - tel: 081-948 9991. fax: 08 (-948 9877). For further K3 Call for details information 616 0839 77298

Companies (Oricl House, The



Alenco-Alemetic safety chucke carry roll weight up to 100kg

#### **Heavy duty safety chucks**

SPECIALIST ADHESIVE

TAPE & LABEL

**PRODUCTS** 

ADHESIVE BONDING (Sellotap)

FOR TECHNICAL P.S. ADHESIVE

A range of safety chucks that can carry a roll weight up to 100kg has been introduced by Alanco-Alamatic Ltd.

converting.

rugating, converting, materials

handling to waste extraction

The UK is well represented

it the event by 62 companies at

The product is wound onto a round bar with 40mm square ends. These ends drop onto the chuck jaws and the handwheel closes over the bar as soon as

the product reel is turned through 85deg. The chuck will only open at its safe position for loading, says the company (Wilton Street, Denton, Manchester M34 3WI) - tel: 061-336 4702, fax: 061-335 0100).

For further K3 Call for detail

12-gun control Up to 12 adhesive guns can be ing machines, explains Chance controlled from the Red Box (based at Units 3/4, Redbrook glue extrusion unit introduced Lane Industrial Estate, Brereby Chancel Adhesives Syston, Rugeley, Staffs WS15 tems to provide adhesive pat-IOU- tel: 0889 570020, fax: terns on folder-gluers or 0889 579253). case-making machines.

CONVERING

ADHESIVES

Applicator systems that link directly to

the computer controls of host carton

making machines and a cross-linking

material the look, fael and smell of

leather are among developments

A Chencel Red Box controller fitted to a Orassi folder/gluer

adhesive that gives a luxury packaging

Also introduced is a glue detection system to monitor position, length and volume of applied adhesive.

Set-up is via a self-learning process in which the system memorises the glue pattern, volume and position from four correctly glued cases passed through the machine. Errors are detected automatically and rejects ejected by a kicker arm or marked with ultra-violet ink.

#### For further information please contact: Ousseldorf Tisde Fslr Agency Ltd., Charles House, 108/t10 Finchley Road, London NW3 5JJ Tel.: 071-7940166, Fax: 071-4359967 Fast-clean extruder

A three-way valve is incorpo-2BL - tel: 0889 586521, fax: 0889 575149).

> of skewing or jams. Westley now also supplies the Copar AMS Adhesive Monitoring System, that verifies application of the correct

adhesive quantity. Self-calibrating, the automatically compensates for different board materials and moisture levels, marking defective cases and cartons with water

Woodside Estate, Dunstable, Beds LU5 4TP - tel: 0582

Construction from ozone-free uration can be specified. rubber, to lengths & diameters Callon 0833 772258 or civile number (K3.690)

INTERNATIONAL FAIR PACKAGE PRODUCTION PAPER, FILM AND FOIL MANUFACTURING AND CONVERTING



# PACKAGING MATERIALS AND PACKAGE PRODUCTION

MACHINE

MATERIALS PROCESSES

#### **Decision-making Forum**

PaPro is the decision-making forum for packaging materials and package production.

Get right up to date with the latest plant and processing technology. Use this opportunity to make direct comparisons between various techniques and materials.

So that you make the right decisions.

DÜSSELDORF 25 - 31 MAY 94

Messe & Düsseldorf

Call on 0839 772288 or circle number (K3-431)

# Waste removed by air

suction

#### **Speciality rollers for** all applications.

The PAM range of speciality rollers offers a vast choice, with a model sultable for every printing, converting, coating and laminating application.

Optional finishes for both steel and aluminium include: hear hardened, ionic hardened, gas nitrided, rubber conted, non-stick or Teflon. chromed, anodised or induction

TEMA stretcher roller in order

to eliminate creases.

eliminate creases

ting operations, fit the new according to duty.

For perfect rewinding or silt- mountings and bearings.

hardened. Lengths & diameters to suit the customer. Call on 0639 772268 or circle sumber (KSLS97)

Bowed rollers to

specified by the customer, can

be supplemented by a choice of

Drive compatibility with

bells, pulleys or idler roll config-

sucked up at source by vocuum suction. heads, then transported to u selected collection point treated or filtered en-route.

Mouzon vacuum-suction sys-Mouzon collection systems tems for removing & transport- can handle paper, film, foil, ing waste and trim material are plastic, textile, laminate or nonapplicable to printing, printwoven materials -in widths up ffulshing, converting and to 250min. According to the packaging machines — either material, the collection method mny be vacuum suction, gravity, The waste or trim material is conveyor or brush-assisted

Enquiries to Jarshire Ltd. Levels House, Bristol Wny. through ducting. The waste/trlm Stoke Gardens, Slough SLI materiul may be chopped, 3QE. Tel 0753 825122 Fax 0753



#### There is also a spring loaded roller system that automatically adjusts to board caliper, minimising drag and preventing risk

rated in the Copar Model DGSC digital glue extrusion system to reduce clean-up time by allowing the unit to be flushed through with water in a matter of seconds, according to supplier Westley Packaging Machinery. Available to operate on all

Microprocessor controlled,

the Red Box offers pattern

combinations that include sin-

gle and multiple lines, dots or

stitches, all of which can be

stored in the memory for

instam recall for a repeat job,

together with automatic purge

Specific patterns can also

be set automatically with infor-

mation downloaded from the

computer control systems of

host folder-gluers or case-mak-

cycle instructions if required.

types of folder-gluer, the system is said to be capable of halving adhesive consumption compared with glue wheel arrangements and incorporates an electronic pressure control allowing the same amount of glue to be applied at all speeds, explains Westley (Market Square, Rugeley, Staffs WS15

or dye, also sounding an alarm.

\*

# Silicone

GB, which is suitable for splic-

ing silicone release papers. Supplied interleaved with

corrugated pvc liner, the tape offers resistance to high tentperatures and good shear properties, says the company (The

For further K3 Gail for detail information 603 0839 77228

splice

Polyester tape with a two side coating of silicone adhesive has 478111, fax: 0582 471085). been introduced by Sellotape

PACKAGING NEWS/MARCH 1994

#### AGENTS FOR: ASHE range of siliting, rewinding S respooling machines PERKIN range of cardboard core making & core curting machines Call on 0839 772288 or circle number K3-687 Call on 0839 772288 or circle number K3-688 RIMOR AIRSHAFTS LOW PROFILE

**USA OFFICE** 

The Banafile of choosing 7150 SERIES a RIMOR AIRSHAFT up to 2"(50mm) Bore lor RIMOR la a BS5750/ISO9002 use wifh 3"(76mm) Cores

EUROPEAN AGENTS

approvad Company

Competitiva prices

7 Day dalivery service available

Voluma aalaa discounts

Spares available within 24hrs

Stocks hald for volume uaera

Rimor Airshefts, Parklands, Forest Road, Danmead, Hampahire P07 6TJ Tel. (0705) 284063 Fax. (0705) 230475

**LEAF SHAFT 3000 SERIES** incorporating 360° gripping prevents distortion of thin wall Coras

Roll Saver

CARBOROUGH (0723) 374915 SANDYBED CRES. SCARBOROUGH FAX (0723) 351966

THROUGHOUT

THE NORTH

CONSULTANTS &

**SUPPLIERS** 

QF PRESSURE

SENSHIVE &

SYSTEMS

Call on 0839 772268 or circle number (x3.606)

Velcro®

PACKAGING NEWSMARCH 1994

SYSTEMS LTD

UNIT 3 8 4

# Side-seam system for carton gluers

A side-seam cold pva gluing system has been developed by Pafra to replace the bottom glue pot of most carton foldergluers with an all-electric Series 22 adhesive gun, operating upside-down.

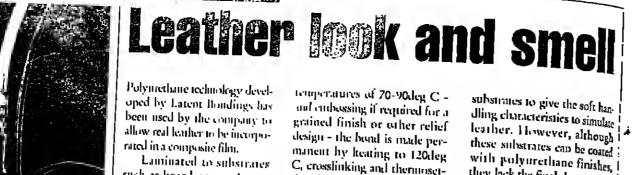
Non-contact in operation, the 22 gun can be equipped with a nozzle tip scaling device to prevent adhesive drying on the anzale during machine stoppage, avoiding the need for frequent cleaning.

"The fact that the gun does not need to brush the substrate means that setting by the operator becomes much easier, particularly on products where the

paper or board is folded, creating differing thicknesses underneath the gun," says Pafra (Bentalls, Basildon, Essex SS14 3BU - tel: 0268 280606, fax: 280904).

Adhesive feed is via a pressure rank or pump while electronic controllers are also available for a wide range of carton-making applications. These include crashlock, four and six corner, double sidewall and the pattern gluing required for integral fitments or complex carton designs, according to the compan-

> Pafre's Series 22 cold give gun: suite side-seam work



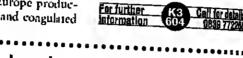
Laminated to substrates such as board or pve, Latent Bondings' Letheron gives a leather look to cosmetics, tojletries and other hixury packaging but, unlike completely synthetic products, is said to retain the smell of leather.

The Letheron film - which ean also be coated directly onto packaging materials relies on Latent Bondings' Latent Crosslinking Adhesive, that allows a range of materials such as wood, paper and cloth to have the finish of leather.

"There are companies in the Far East and Europe produc-After laminating at process ing microfibre and congulated

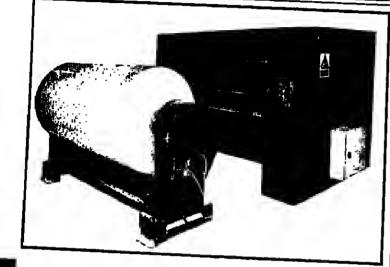
retirentatives of 70-90deg C substitutes to give the soft hanand embossing if required for a dling characteristics to simulate grained finish or other relief leather. However, although design - the bond is made perthese substrates can be coated manent by heating to 120deg with pulyurethane finishes, I C, crosslinking and thermoserthey lack the final characteristic ting the film surface. This can mique in Letheron: a leather then be ultrasonically welded, smell," says Latent Bondingt (which is based at Adia) full blacked or printed, and cut Flotise, Wolverhampton Road, Wedges Mills, Cannock, Staffs WS11 IST - tel: 0543 574285 Lix: 57 (282).

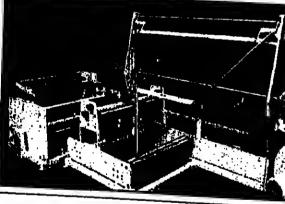
The company can supply Letherun in reels up to 1500mm wide and is currendy licensing the process on a worldwide basis. Particular interest has been shown from Far East converters.



#### REEL TO REEL MICRO **PERFORATOR**

SLITTER REWIND OPTION HOT NEEDLE SYSTEM RANGE OF PATTERNS HIGH SPEED CONVERSION





#### **REEL TO REEL FOLDER**

HIGH SPEED SCRATCH FREE FOLDING ACCURATE REWIND REELS **RANGE OF SIZES & OPTIONS** 

CLARKE WEB LTD Converting Machinery

UNIT 23 NEW MEACOW ROAD REODITCH WORCS, B98 8YW Tel 0527 510601 Fax 0527 510589

Call on 0839 772268 or circle number (K3-674)

# WHEN COLOR MATCH IS IMPORTANT... NOTHING BEATS CHROMA-CALC.

Thausands of austamers worldwide can't be wrang. Dalacolor International (DCI) Chroma-Calc systems for colar malching and quality control give you proven savings of time and maney on the calar you make.

Chrama-Calc has all the features needed far all printing and ink manufacturing applications. New calar matching is speeded up; better colar matches are achieved in least expensive recipes; waste ink is reworked into new, usable batches.

No one except DCI can offer such proven knowledge of printing applications and only DCI can pravide a unique combination of color conirol plus fast, efficient color dispensing in production. The Formula Dispensing Systems deliver precise quantities and exactly the right color at the right time.

From DCI you can expect a total color management package that dromatically increases throughput, reduces stackholding and recycles what used to be woste ink into the next press run. DCI Formula technology cambined with Chroma-Calc assures that you dispense exactly the amount of ink you need when yau need ij

Throughout the calor process, DCI helps you develop, test, produce and quality canirol to the highest standards at the best cosis.

Contact us for full details about Chroma-Calc ar any of the exceptional products from Datacolar international.

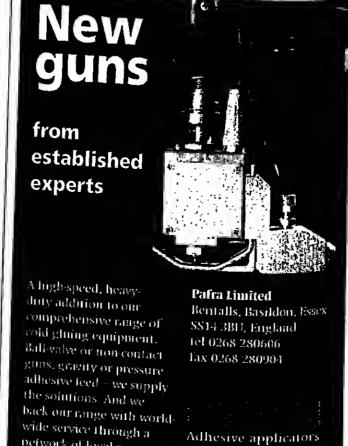


Dotacolor International Brandbachstrasse 10 CH-8305 Diellikon, Zürich Tel: (41] 1-835 37 11 Fax: (41] 1-835 38 05

datacolor international

Helping you deliver the right color at the right time

Call on 0839 772268 or circle number (K3.673)



nefwork of local agents. Emulsion adhesives Call on 0839 772268 or circle number (K3-681) PACKAGING NEWS/MARCH 1994

# Spooled tapes last longer

The unique

characterist

of Letheron

is its smell

and creased for carton-making.

A spooling system that allows narrow adhesive tapes to be rewound in lengths typically five to ten times greater than paneake reels has been developed by Double R Controls to reduce downtime in both converting and on the packaging machines that use the tape.

Applications for the rewound spools include adhesive tape used to seal open trip cans, tear tapes and multipack carrying handles.

"For example, 10mm adhesive tape conventionally wound in 60 metre lengths can be spooled on a 100mm wide core to give 4,000 metres, reducing the number of changeovers requited considerably," explains Double R Controls (Heywood Business Park,

Pilsworth Road, Heywood, Lanes OL10 2SJ - tel: 0706 623625, fax: 366881).

The speeding equipment empleys a transverse winding mechanism that avoids the use of mechanical fingers to guide product ratio the spool, so eliminating edge contact and risk of damaging delicate materials, says the company.

#### "Winding profiles

Winding profiles are progranmable via a computer interface to suit the material handled, giving a range of options from the more traditional overlap method to step-and-repeat winding. This, according to Double R Cruitrids, is must suited to sensitive materials.

The company has also developed unwind equipment tu handle spooled tapes on packaging and other production machinery.



Tundry Way, Chainbridge Road, Blaydon on Tyne, Tyne & Wear NE21 55T.

Fax: 091 499 0224. Contact: David Bros ocherter Converters Lid. Unit 4, Henley Business Park. Medway Chy Estate,

Kent. Tel: 0n34 722120

**ALUMINIUM SOTTLES** Lofil Lid., All types of aluminium bottles and U.N. Approved

Cartous Available ex-stock: Hayes Silverdale Road, UR3 3BE Tel: 081-848 4061/2 Fax: 081-S61 7009 ALUMINIUM TUBES

Haendler & Natermann (UK)

Unit 9, The Western Centre, Western Road, Bracknell Berks. RGIZ IRW. Tel: 0344 489571 Fax: 0344 489572

**BAGS POLYTHENE** 

Fax: 081-852 9120

Brighouse, W. Yorks. HD6 IPT.

Tlx: 517188 Alport G

raylord Plastics Ltd.

Tel: 0484 714313

Fax: 0484 720452

Horncastle Lane,

Lineoln LN2 3QF

Tel: 0522 530557

Fax: 0522 730372

Adept Packaging Co. Lid., 78-82 Nightingale Grove, Hither Green, London SE13. Tel: 081-318 7511

Alport Plastics Lid, Armytage Road Ind, Estate,

AEROSOL CANS Unit 9, The Western Centre, Western Road, Bracknell, Berks. RG12 IRW Tel: 0344 489571

CLOSURES

New Company, New Closures Specialising CRC and Toksky Ferturne Caps Capst-All Closures 1490 Park Larts, Kempshort Jeloschie, Memorshort DC20 p.

**AOHESIVER** 

Premiere Adluctive Topes ( Consumables

Countyard Cumberland Street, Ipswick, Suffolk IPI 3PA Tel: 0473 286126

Contact: Mr. S. Meyer. Our products set rise standards by which others are judged.

Units 1, 2, & 3 The

Fax: 0473 286133

AEROSOL CAPS 291 Watling Street, DAZ 6EP. Fax: 0322 94122 Contact: Mr. J. Christia

AIR BUBSLE & FOAM SAGS & SHEETS Admiral Packaging Ltd., Specialist bubble pouch makera Fast, Reliable Service

DE11 9DL.

Tel: 0283 551050

Fax: 0283 551050

I Walls Ave. Chester CH14JB Tel: 0244 317456 Fax: 0244 319103 Air Bubble Converters Aerodrome Road, Bekesbourne, Canterbury, CT4 5EX. Tel: 0227 832052 Fax: 0227 831116 H. Flexible Packaging Hearthcore Road, Boardman lud, Est. Swadlincote, Burton-on-Trent, Staffordshire.

Callancote P.L.C., -ellancote P.L.C., Unit 11, Deptford Trading Estate, Blackhorse Road, London SES, Tcl: 081-469 3969 Fax: 081-691 6434 Grangewood Plastic
Packaging Ltd.,
Jutsumx Lane,
Romford, Essex RM17 OER.
Tel: 0708 725911
Tlx: S951426
Fax: 0708 728677 National Packaging Group, ple Sedling Road, Wear Estate, Washingron, Tyne & Wear NE38 9BZ. Tcl: 091-417 6618 Fex: 091-415 1179 Polyclear (Southampt 151. Avenue, Millbrook Trading Estate, Southampton Hants, SOI OLG Tel: 0703 701158

Fax: 0703 771044

Contact: Ray Brea

Swains Packaging, Brook Road, Suckhurst Hill, Essex. Tel: 081-504 9151 Fax: 081-506 1892 Wessex Polybags Ltd, South Hampshire Ind. Park, Unit 16, Salisbury Road, Totton, Southampton, Hampshire, SO4 3SA Tel: (0703) 869047/86106

Fax: (0703) 861923 Westaway Polythene Lid. North Cheshire Trading Est., Prenton, Birkenhead, Merseyside, Tel: 051-608 8046 Tix: 626294 WESTA Fax: 051-608 0404

BAGS, PAPER 8LOCK8OTTDM

UNIBAG PO Box 1920 DK Hojbjerg Tel: + 458629011 Fax: + 4586290071 Representation UK TIM LAW Tel/Fax: 061 432 4923 Foil/paper landmates, he seal printed flat bags.

SAGS. POLYTHENE BLOCK BOTTOM Grougewood Plastic Packaging Ltd, Essex House, Jutsums Lane, Romlord, Essex RM7 0F.R.

Tel: 0708 725911 Tix: 8951426 Fax: 0708 728677 Wavin Packaging Ltd, Jaykay House, 41/43 High Road, Ickenham, Uabridge WB 10 8LF. Tel: 0895-634400 Fax: 0895-679126 Contaes: Miss Dos Lebegue

BAGS, POLYTHENE DRAWSTRING

Tavak Ltd., 317 Guildford Ruad, Bisley, Woking, Surrey GU24 9BB Tel: 0483 476767 Tk: 8596/6 FOX G Martin & Tavak Machines

Puma (Bag Closure & Seal Division), Itilton Industrial Park, East Wistering. PO20 8FT. Tel: [44) 0243 672267 Fax: (44) 0243 671515 PE, PP, Nylon, Rel, Tampe evident security ries, plain, logo & seq. numb'd primed

BAGS, POLYTHENE . SPECIAL SHAPES Tavak Ltd., 317 Guildlord Road,

Bisley, Woking, Surrey GU24 9BB, Tel: 0483 476767 Tlx: 859676 FOX G Fax: 0483 486343 fAlanufacturers of Hulmo

Where to buy, by Appointments NEWS

8AG8, POLYTHENE

WICKÉTTED Aslept Packaging Co. Ltd., 78-82 Nightingale Grove Hither Green, London SE13.

Fax: 081-852 9126 Sraylord Plastics Ltd. Floricastle Lane, Dunholme, Lincoln LN3 2QF.

Tel: 0522 530557 Fax: 0522 730372

Grangewood Plastic Packaging Ltd, Essex House, Jutsums Lane, Romlord, Essex RM7 OER. Tel: 0708 72591 Tix: 8951426 Fax: 0708 728677

Wessey Polybags Ltd South Hampshire Industrial Park Unit 16, Salisbury Road Totton Southampton Flampshire SO4 3SA Tel: 0703 869047/861061

Fax: 0703 861923 BAGS. PRINTEO POLYTHENE

Adept Packaging Co. Ltd, 78-82 Nightingale Grove Hither Green, London SE13. Tel: 081-318 7511 Fax: 081-852 9120

Braylord Plastics Ltd Horncastle Lane, Duuholm, Lincoln LN3 2QF, Tel: 0522 530557 Tix: 56340 Fax: 0522 730372 Deptiord Trading Estate Blackhorse Road Tel: 081 469 3969

Fax: 081 691 6434 Grangewood Plastic Packaging Ltd, Essex House, **SAG CLOSURES** 

Juisums Lane, Romlord, Essex RM7 OER. Tel: 0708 725911 Tlx: 8951426 Fax: 0708 728677 Initial Packaging Ltd, Initial House Westgale, Widnes, Cheshire WAS SRA. Tel: 051 420 4333 Fax: 051 495 1313 Tls: 626171 Impac G. Polyclear (Southampion) Ltd.

Isr. Avenue Millbrook Trading Estate Southampton Hants, SOI OLG. Tcl: 0703 701158 Fax: 0703 771044 Contact: Ray Bryan

Mereo Hy THATOST CONTINUES IN STUTION OF AUTOMORPHIC ACTION OF AUTOMORPHIC

Final copy date on WTB section for the APRIL'94 issue is Fri .11th MARCH Swains Packaging. Brook Road, Initial Packaging Lad, Initial House, Westgare, Widnes, Chesture WAS 8RA. Tel: 051 420 4333 Buckhurst Hill, Essex. Tel: 081-504 9151

Fax: 081-506 1892 BAGB AND REELS PLAIN Fax: 051 495 1313 Tix: 626171 Impac G. Moore & Buckle (Flexible **POLYTHENE** Mayfalr Print Packaging 1.td Elam House

Greenford,

Midda, UB60AO

Tel: 081-525 8300

Fax: 081-578 2247

High Quality, High Cloris Polypropylene Begs

Winpid Packaging Systems Ltd 250 Thoraton Road, Bradlard, West Yorkahire, 1811 2LB. Tol- (0274) 7220 20 Fax: (0274) 7361 49. BS 5750 Registered Company

**8AGS AND REELS PLAIN** 

AND PRINTED POLYTHERE

Advance Works, Crynant,

West Glamorgan SA10

Tel: 0639 750371

Fax: 0639 750 t26

Petzold & Company

London WS 3TA

Tel: 081-567 9920

Fax: 081-840 6701

Contact: Nick Perzola

pp, foil, pe, laminate

AND PRINTED

Elam Flouse

Lydd Road

New Romney

Kent TN28 8HE

Fax: 0679 67049.

POLYTHENE

**LAMINATES** 

Hither Green,

London SE13.

Tel: 081-3187511

Fax: 081-852 9120

Tel: 0679 64 559/66126

8AG8, RESEALASLE

POLYPROPYLENE

8AG8 AND REELS PLAIN

Mayfair Print Packaging Ltd.,

block-bostont bags, paper,

Tlx: 48328

Autobar Polylllm Lid.,

Packeging Ltd), Suttern Road, St. Helens WA9 VDY Lydd Road New Roningy Tel: 0744 33066 Kent TN28 8118 Fax: 0744 451000 Concrete Bruce Prizehard Tel: 0679 64559/66136 (Manufacturers of flexible Fax: 0679 67049 packaging in reel and pouch Polybags Lid.,

Supreme Plastics Ltd Supreme Flouse, 300 Regents Park Road, Finchley, London N3 2TI Tel: 081-349 3434 F4x: 081-346 1624 **Wrapid** 

Synpac I.lmited Bontoft Avenue, Hull, North Humbersial HU5 4HF. Tel: 0182 415750

Fax: 0482 446268 ealpack Sales Ltd, Unit 5. Great Western Court, Ross-on-Wye, Hereford HR9 7BW.

Tel: 0989 763143 Fax: 0989 763162 Youngsley Prickaging, 63-65 Imperial Way, Croydon, Surrey CR9 4QY, Tel: 081-667 0467 Fax: 081-667 0052

BARRIER (FOIL) POUCHES Moore & Buckle (Flexible

Packaging Lid), Suctoir Road, St. Helens WA9 3DY Tel: 0744 33066 Fax: 0744 451000 Contact: Bruce Pritchard (Man, of flexible packaging recl & pouch form)

8LISTER PACHS

Ellough Industrial Estate, Beccles, Suffolk, NR34 7TD Tel: 0502 71-1134 Fax: 0502 714713 BRM Plastics 1.td, Progniore Estate, Beech Road, High Wycombe, Bucks. HPII 1RY. Tel: 0494 448801 Fax: 0494 462566 Tlx: 83502 rookside Press Ltd., Leicester Road, Anstey, Leicester LE77AQ. Tel: 0533 340320

Fax: 0533 340321 Formold Ltd. Ruscombe Business Park, Ruscombe Lane, Twylord, Reading, Berks. RG10 9JZ. Td: 0734 340443

Contact: Brian Rea

POLYPROPYLENE AND Adept Packeging Co. Ltd, 78-82 Nightingale Grove, Fax: 0734 342160 G. Pack Lid., P.O. Box \$86 Slieffield S3 7YZ. Tel: 0742 757574 Fax: 0742 78084

Hurst Packaging Services Unir 6, Cromwell Centre, Stepfield, Witham, Fasea CM8 3BZ, Tel: 0376 520642 Fax: 0376 501757 HFW Plastics Limited, Albany Road,

Jackie Skeel on

or Fax: 081-242 3154

081-242 3156

Telephone

Tyne & Wear, NES 3AT. Tel: 091-177 6519 Fax: 091-490 1345 Mailway Packaging Group 12-16 Pitcliffe Way Upper Casile Street,

Bridford, West Yorkshire BE5 7SG Tel: (0274) 7200 19 Fax: (0274) 370133 Unit 9 , St. Andrews Was liid. Estate, Bicester Road, Aylesbury,

Buckinghamshire, HP19 3A1: Tel: (0296) 415771 Fax: (0296) 23368 Mallard Thermo Forming Linuited

31B Milion Park, Milton, Abingdon, Oron, OX14 4RT. Tel: 0235 861100 Fax: 0235 865021 rogressive Printing U.K. Ltd., 5, 6, 7 & 8 Rutherford Eastwood Industrial Estate,

Leigh on Sea, Essex SSU 5LQ. Tel: 0702 520030 Fax: 0702 420273 R & R Fornsings Ltd.,

Fong Park Due Works W. Yorks. BD17 7QL. Tel: 0274 597099/58 Fax: 0274 531162 Reed Print & Design, Birtley Rnad. Wear West 5, Washington, Tyne & Wear NE38 9DA. Tel: 091-4167676

Fax: 091-4175779 Multi coluur heas seal blisi card production Contact: Charles Hierons Scorey Evans & Co. Lid., Larkfield Road, Rawdon, Leeds LS19 6EA. Tel: 0532 502323

'Γlx: 557135 Fax: 0532 509128 Wren Printed Packaging Ltd., Haxrier House, Aviation

Southend-on-Sea, Essec SS2 (UN. Tel: 0702 548044 Fax: 0702 541+63

BOIL IN SAGS Moore & Buckle (Flexible Packaging Ltd), Sucion Road,

St. Flelens WA9 3DY Tcl: 0744 33066 Fa <: 0744 451000 Cooraci: Bruce Pritchard (Manufacturers of flexible packaging in reel and pouch

#### Tel: 0344 4x957 Fax: 0344 489572 Foils/PVC his herr, wine &

BOTTLE CLOSURES Fuji Seal Furone Ltd. Scinntar Clase Gillingham Business Park, Gillingham, Kent NES 0RJ. 1:33:0634 379179

Neville & More Ltd. Station Rd. Industrial Fat. West Sussex RH13 7UD Tel: 0403 732290 Pax: 0403 733507 CRC Tamper-evident, toiletry, performery

pharmaceutical, wide niout SAI Packaging PLC 8-10 Minerva Road, London NW1061-11 Tel: 081-965 9204/5 Fax: 081-955 3826

I Stewart Road, Bridge of Allan Stirling FK9 4JG Tirl: 0786 833613 Fax: 0786 834233 Telex: 846445 CMBG Ventreach 1.1d. Easilield, Scarbor Yorkthire YOH 3BY Tel: 0723 582841 Page 0723 583223

BOTTLES, GLASS

MO5 GLASS & PLASTIC BOTTLEB, CAPB, PUMPS. TRIGGER SPRAYS, ETC. SUPPLIED.

NORTH HAMPSHIRE PURCHASING SERVICES 140 Pack Lane, Kempeholt,

ke, Hempshire. AQ22 5HN Tel: 0256 46617B Fax: 0256 816333 Neville & More Lid

Station Rd., Industrial Est., Southwater West Sussex RH13 7UD. Tel: 0403 732200 FAN: 0403 73350. New range of lightweight boules for easier handling & reduced transport costs. Bottles & Jaks Glass BS 5750 Approved. RPC Continuers Ltd., Fav: 0536 205493 BS 5750 Approval

William Crosson & Son Ganh Road Surrey SM4 4LX Tck 081 337 2945 J's \ 081 337 6783 Very wide ranges available Rawlings & Son (Bristol) Ltd Cecil Road, Kingswood Bristol, B515 2NA Fel: 0272 604141 Page 0272 603989 All sizes of jurs and coloured boitles available. BOTTLES, PLASTIC

See also Plastic Bottles AMK Plastics Limited, Llanurisanı Buxiness Park Mid Glamorgan CF7 8LF. Tel: 0443 225520 flx: 497671 Fax: 0443 218970 Contact: Alison Milne Bell Products Ltd. Unit 45/46, Wretham Wresham, Clwyd LLI: Tel: 0978 66 195 Fax: 0978 661924 Contact: Linda Car Specialising in the manufacture of trigger spray boules

Rembrandt House, Hagden Lane, Watford, Hens. WD1 8L1. Tel: 0923 240740 Fax: 0923 816894 Phone now for our brochure F. L. Plastics
20 Robberds Way
Bowthorpe Industrial Estate Norwich, Norfolk NR591F Tel: 0503 740241 Fax: 0603 740536 Manufacturers of high quality plants bottles specialisting in small runs. HPL Ltd.

Holt Lane, Netherle

Liverpool, L27 2YB. Tel: 051 - 487 3353

Pax: 051-487 3123

The 617877 HPLPAK G

Manufacturers and stockists of bottles, silk sercen priming and hot loil decorating BOXES, CARDEDARD E.B. Crowhurst & Co. Ltd., Building 50,
Pensnett Trading Estare,
Kingswinford
West Midlands DY6 7PP.

Tel: 0384 400100

Juhh Containers Ltd., Buyliss Circurred & Un. 13d., Caverolish House 17/38 lekundd Stova, Chiswick Road, Birmingham, B18 5AY, Feb 021, 554 Nox4/0508 Leteester Lit 2 78X. hate 021-554 1003 Tel: 053 \ 546910 Page 0533 471127

Nerplas SNC

Tlx: 926129

marker).

271-273 King Street,

London Wto 91.2.

Tel: 081-741 0363

Fax: 081-563 0623

aliplas (UK) Ltd

The Tower Estate

Oxon OX44 7TH

Manufacturers of PET

Beverage & Toiletry Industries

London Road, Beccles Suifolk NR34 8TS

Contact: Brisu 5toke

Strock Buttle Division

Wigston, Leitestershin LE18 2DE.

Rockware Plastics Ltd.,

Paddock Street. Norwich NR2 4UR.

Tel: 0603 660841 Th: 975220

Fax: 0603 633073

RPC Containeral.td.,

(Regimered Office) Grove Street, Raum

Fax: 0933 621126

RPC Containers Ltd.

BS 5750 Approved.

RIC Containers Ltd.

Tel: 0372 723771

BS 5750 Approved

RIC Containers Ltd.

Tel: 0254 682298

Fax: 0354 583752

TLx: 635800

Corby Tel: 0536 63488

Saboleastic Ltd..

Fax: 0322 53706

Hers. AL.7 4ST.

Tel: 0707 320241

Antrim, N. Ireland Tel: 08494 28188

Stride Plustics Limiter

Abingdon Oxon OX144SE

Tel: 0135 834 797

Fax: 0235 833 289

Talon Plastics Ltd.,

Tel: 0209 716133

Fax: 0209 713406

Fax: 0723 583223

Fax: 0494 724837

Wells Hinton Plastics Ltd., Corinium Industrial Estate

Roams Road, Amersham, Bocks, HP6 (JR. Tel: 0494 721251

Contact Mr J. Donald

lufcon Ltd.

caps and full decorating

Teagle Engineering Works, Toekingmill, Camborne TR14 8RE.

Eastfield, Scarborough, North Yorkshire, YOH 3BY, Tel: 0723 582841

Fax: 08494 28177

Fax: 0707 32024

9 Southfield,

Seration Plastics Ltd.,

Welwyn Garden City,

tratton Plasties NI Ltd

Contact: Micheal Hyden Also

Milton Park Industrial Estate

Unit 2/4 Rich Incl. Estate

Crayford, Kent DA1 +1 A. Tel: 0322 520091

Tel: 0933 59136

N:311999

Non hanss, NN9 6ED, Tel: 0933 623311

Leading supplier of rigid

to 30 little in wide range of

Fax: 0933 +10406/410093

Fax: 0572 770472/756829

plastics packaging from 250m

materials. BS 5750 Approved

Tel: 0502 715518

Fax: 0502 717115

Meason: Freer Ltd.,

Puliman Road,

Tel: 0533 881588

Fax: 0533 813000

Containers for the Food,

Tel: 0865 400315

Fax: 0865 +00350

M & H Plastics

(For the Pharmaceurical

Conneries & Toilerries

Warpsgrore Lane, Chalgrore,

Bord Packaging Ltd., Wodlason Way, Burm Mills Industrial Area Basildon, Essea SSI3 (DJ. Tel: 0368 590555 Th: 9/5431 Boulds G Fax: 0268 590999 Contact: Alan Board Hohman & Williams Group

11& Williams Riverside Ruad London SW17 OBA Tink: 081 944 5556 Fax: 081 944 5162 Besprike and standard can ons comprehensive range of packaging materials in stock. W. Mac Carthy & Sons Ltd.,

St. Brigid's Works, 310/326 St James Road, London 5E1 5LB Tel: 071: 237 1946 Fax: 071-152 3286 Contact: Mick MacCarthr Manufacturers of cardboan boxes, packaging materials, orrunted carrons, presentati boxes, fancy covered boxes.

BOXES, PLASTIC

RPC Containers Lid., Kilburn Road, Oakham Rutland, Leics LE15 6QL Tel: 0572 723771 Pax: 0572 770472/756829 Tlx: 341257 Leading supplier of rigid plastics packaging from 250m to 30 line in wide range of materials. 85 5750 Approved

RPC Containers Ltd., Tel: 0254 682198 Fax: 0254 583752 BS 5750 Approved. RPC Containers Ltd.,

Corby Tel: 0536 63488 Pare 0536 205493 BS 3750 Approved.

BOXES, TRANSPARENT ACL Packaging. Marhom House, Molescy Avenue Surrey K 18 OKY Tel: 081-941 0550 Th: 936033 DIPLEX G Fax: 081-941 7248 A.C.R. Packaging.

Unit 7, Midland Way, Avon BS11 2B9 Tel: 0454 414367 Fav: 0454 419833 Mpap Parkeging New Word Farm, Lathbury Newpuri Pagnell Bucks MK168QZ Tel: 0908 211223 Fac: 0908 210063 Contact: F Lauritzen

Bayliss, Ormerod & Co. Ltd., Birmingham B18 5AY. Tel: 021-554 2684/0508 Fav. 021-554 1003 Bell Packaping PLC. Barrant Industrial Park Spinlesea Road. oron, Beds LU2 9NH. Tel: 0582 459292 Fax: 0582 450181

Packaging Jetran Tubing Crease Folding Boxes. D & S Packaging Ltd., Weston Hall Road, Stoke Prior, Bromsprove B60 4AJ, Tel: 0527 575262 na Plastics Ltd.

Bentalls, Pipps Hill and Estate, Basildon, Essex SS14 3BX. Tel: 0268 532029 Fax: 0268 285892

Plastique (Hinekley) Ltd., Unit I Hinckley Road Earl Shilton Leics LE9 7LX Tel: 0455 840544 Fax: 0455 840082 Contact: Mr R Grent Manufacturers of PVC Lids & Trays and folding cartons etc RPC Containers Ltd., Sallow Road

Weldon Industrial Estate, Corby Northants NN17 IJX Initial Packaging Ltd. Initial House, Tel: 0536 63488 Fax: 0536 205493 Leading supplier of rigid plasties packaging from 250ml to 30 litte in wide range of materials, BS 5750 Approved.

CAR SEAT COVERS Alpha Packaging

PERFORATED ON THE REEL Southment Industrial Cark Hawksworth. Dideot, Oxfordshire OX117HR Tel: 0215 511500 Fax: 0235 510543 CARDROARO TUBES

CARTONS Washingtons Cartons Ltd., Middleton Cooce Leeds LS11 51 X Feb: 0532 760716 Fax: 0534 750165 CARTONS, FOLDING PRINTING Ample Parkaging Ltd.

William and those (No. Co. Co.)

G.Marlborough Packaging,

83 Maillingough Avenue.

Glosgow G1170T

Tel: 041 337 3518

Fax: 041 334 1924

Ample House, 63-65 High Sweet, Hampton Hill,

Midds, TW12 1811.

Board Packaging (UR) Lid., 7 Alston Drice Bradwell Abbey Industrial Est. Milion Egynes, Bucks MK 13 914A. 5 Erica Road, Stacer Bushes, Althon Kernes Bucks. MK12 6115 Tel: 0908 315400 or 315401 The: \$26932 Fax: 0908 223321 12 Vulean Way

Tel: 081-941 3570 Fax: 081-783 1730 Greenups Packaging Ltd., Corporation Street Shelfield S3 8R.X. New Addington, Croydon Ck0 PUG. Tel: 0742 768951 Fax: 0742 ; 3884n Contact: Peter Boults Paperboard Tulies/Labe the Pinner Press Ltd. Kirerside Way, Uxbridge, Middx, UBS 2YF. Tel: C689 \$48586 Fax: 0689 841468 Tel: 0895 25169! Crayford Tubes Lad. Fax: 0895 811649 BS5.750 Reg No. 13.193 Unit 33, Acorn Industrial Keni DA i 4AL

rint Design & Grapities Ltd. Newburn House, Riversdale Way. Newburn Haugh Ind.Ex., Over 200 diameters Newcastle upon True No nunimum quanti Tel: 0322 526614 NEIS OUF Trl: 091 264 4638 Fax: 091 264 5792 Contact: Mr. R. A. Toplis Contact: Mr. G. Score Reed Print & Design, Birtley Kond, West West 5,

UK Agent S B Duillop Manufacturers Agent, Washington, Tyne & Wear NE38 91)A. 327 Green Lanes, London N+ 2ES Tel: 071-700 6560 Tel: 091-4167676 Fax: 071-490 3004 Complete carmin design print and Production Under one Salter Paper Group 1. td Thanes House, Copperas Street, London SE8 3DA 68,000 sq fi mof Connet; Charles Hieran Tams Packaging Ltd., Furham Road, Tel; 081 691 5811 Fax: 081 692 9674 Used 3"/75mm. Cores carious lengths availab terrs. W'Do ILW. Tcl: 081-953 8522

Simpsons Tibe
Developments Limited Concord Businers Centre, Biggin Hill Airpon, Biggin Hill, Westerham Kent TN14 3BN. Tel: 0959 570194 Contact: John Simpson Any size orders undertake

CARRIER BAGS, PAPER

Admiral Packaging Ltd., Specialist bubble pourli makers. Past reliable service.

Southmead Industrial Park. Hawksworth, Didcot, Oxfordshire OX11 7HR.

POLYTRENE

| Walls Avenue

Chester CH1 4]13. Tel: 0244 317456

Fax: 0244 319103.

Alpha Packaging

Tel: 0235 51 1500

Fax: 0235 510543

BH21 IRA.

Tel: 0202 880050

Fax: 0202 842816

Tel: 0633 278172

Pax: 0633 278169

Kidderminster, Worcestershire DY10 INJ. Tel: 0562 743621 Fax: 0562 68275 Retail, Trade Agency Enquires Contact: Keith Dyas

CAMBIER BAGS — PAPER ONLY — LAWNNATED, HIGH

Church Court Bus. Centre, Church Street,

Preston, Lancs PRI 3BS Tel: 0772 880500

Fax: 0772 881600/853805

Contact Mr Peter Blezard

COURIER BAGS, TAMPER Evident

Cheshire WAS SRA

Tel: 051 420 4333

Fax: 051 495 1313

The 626171 Intpac

WALITY, BESPOKE

PAK 2000 (UK)

Westgale, Widnes,

Stokes Packaging Ltd., Units 13-15,

Leeway Court, Leeway Industrial Estate,

Donleyy Packaging Ltd. Eclipse Works,

Fax: 0321 559462

Es & Es by

Landru Lane, Waifund, Herrs WI 11 81.1 Fax: 0923 816894 Phone now for our brochus Confinental Sprays & Unit 14. Lake End Court Tajdine Risal, Alaidenhead, Berks, SLa OJQ

Fax: 081-207 5399

Rembrande House,

SPRAYERS

Ceebrite Lid

dispensing pumps &

Tel: 0628 6n663.1 Tlx: 0628 662828 DISPENSING SYSTEMS & SYRINGES

> GENESIS Cistributors of

High Quality Including The Unique BQUEEZE JET Tel: Coreham (0225) 811884 Fax: Coreham (0225) 812221

EXPANDED POLYETHYLENE PACKAGING Quarry Lane Ind. Estate,

Chichester, West Sussex PO19 2NY, Tel: 0243 779598 Fax: 0243 532204 EXPANDED POLYSTYRENE PACKAGING

Advanced Polystyrene Ltd., Leeds: 0532 310599 Manchester: 061 724 8080 West Midlands: 021 505 1534 For everything Polystyrene. LINPAC ACE Packaging Quarry Lane Ind. Estate, Chickenter. Chichester, W. Sussex PO19 2NY. Tel: 0243 779598 Pax: 0243 532204 LINPAC ACE Packaging Scunthorpe, 5/7 Menasha Way, Queensway Industrial Estate, Brigg Road, Scunthorpe, S. Humberside

DN163RT.

Tel: 0724 858153

Centuss I.td., JARS, GLASS The Hernolds, Linden North Free SSLoED. Tel: 0268 54005 14c 495.120

Fas: 0248 540106 Metal Choures Rosslite Ltd., Buon Works Torpoint, Carawall PER 11 3A V Tel: 0752 82255 Fax: 0752 823551 F.P.S. Limited, Prince of Wales Ind. Estate.

Abercaru, Newport, tiwen NPI 5RL Tel: 0495 244501 Tlx: 498114 Page 0495 246514 Scapa Montalings Little Victoria Works Parker Street, Kishum, Blackbur Lines, BILL INT. l'cl: 0254 88594n Th: 635732

1:4v: 0254 889497 FIBRE DRUMS Bowater Druma lad. Redhouse Lanes Disler, Nr. Stockpart Cheshire 5K 12 LEW. Tel: Disley 0663 264141 TIS: 667583 | BOWDIS G1 Fax: 0663 762967 IDL Packaging Ltd., Abbeyway South Vista Road, Haydock

St. Flelens WALLORW Tel; 0942 721299 Fax: 0'44 17 1325 See our other enter male Special Purpose Machinery FLEXSPOUT CRIMPING

CLOSURES Ricke International U.K. 45 Camon Street, Worcester WR5 13P. Tel: 0905 763360 Fax: 0905 71.3010

**GUMMED PAPER TAPE** DISPENSERS & COUNTER ROLL HOLDERS

Asrom Hetter Packages Lid Unit 49 Victoria Trade Park Virtoria Road, Darthud, Kem DALSAL Tel: 0.123 127661 Fax:0332 188040

HANDLES, WIRE Redfearns Wire Products Ltd. Calder Wite Mills, Birds Royd Lane, Brighouse West Yorks, 111 xt 11.7. Tel: 0484 719035 Pay: 0484 751028

HEAT SEALING MACHINERY SPARES Global Entreprises

14 Head Street Halstead, Essex, COV 2AU Tel: 0787 473813 Fax: 0787 477657 Contact: Mrs B J Brownlow Suppliers of rotary heat sealing steel bands.

INJECTION MOULDED CONTAINERS Peerless Plastics Packaging Ltd Mariner,

Coton Farm Industrial Estate, Tamwonh Staffordshire B79 7UL Tel: 0827 50505 Fax: 0827 61206 decoration on rigid plastics packaging. RPC Containers Ltd.,

Kilburn Road, Oakham, Rutland, Leics LE15 6QL. Tel: 0572 723771 Fax: 0572 770472/756829 Tlx: 341257 Leading supplier of rigid plastics packaging from 250ml to 30 litre in wide range of macrials. BS 5750 Approved. RPC Containers Ltd. Tel: 0254 682298 Fax: 0254 583752 Th: 635800

Ryford Limited Brickyard Road, Aldridge, Walsall WS9 85R. Tel: 0922 54747 Fax: 0922 59429 Complete service, design, toolnisking, moulding up to 320 tonne & finishing. Contact: Mr. Alan Beale. BS5750 approved.

BS 5750 Approved

William Croxon & Son Ltd NOTE: See also Baules &

JERRICANS & PAILS Cerbrite Ltd. Rembiand House Higden I ace, Walnut 1.18 ICTW 21131 Tek 0/23 240740 PR 9071 RIPEM Please now for our brocker

MAIL OROER DESPATCH BAGS

Initial Packaging Ltd Initial House, Westgare, Widner Cheshre WAS SRA Tel: 051 420 4333 Fax: 051 495 1313 The Alain Inspace G. Mariboningh Packaging. R3 Marlhorough Avenue,

Glasgow G11 783 Tel: 011 337 3518 Fax: 041 334 1924 Wesses Polybugs Ltd South Hampshire Ind Est Unit 16 Salisbury Road Terrint Southampion Tel 0703 869047/861061 Fax: 0703 861923

MAIL ORDER DESPATCH BAGS - EX STOCK Clingfoil Led.

Unit I, Addington and Park 1 मार्काल Read, Adlingung Macriediski SK 10 4NL Tel: 0625 878953 1'ax: 06.15 85'4005 Contact: Alak Kenyor

METALLISING PK1 Limited.

32 First Avenue, Decide Industrial Park, Preside, Claral CH5 2NU FrI 0244 1X0198 Part 0344 288540 t 'remace Ann Beine Metallising, monthing panning, lacquering, blocking alk servening, walding and electronic dichling

PALLET BANDS Chatt Seamless Rubber Pallet hamle, H. A. Counds Lal. Parte Mark Road.

Calne Wiles. SNILUIS Tel: 0.49 812771 Fac: (0149) 814660

PAPER SACKS Contour Packaging

leer Lane, Cowley, Uxbridge, Middlesex UBX 2JI: Tel: 0895 230111 Fax: 0895 230267 Specialist manufacturers of all sizes of paper sacks.

PET BOTTLES AND JARS

Neville & More Ltd. Urits 18-19, Station Hd., Industrial Est., West Sussex KH13 7UD Tel: 0403 732290 1'ax: 0403 733507 l. argest range of PET bouler & jars available in Europe. Kilburn Road, Oakham, Rutland, Leics LE15 6QL Tel: 0572 723771 l'ax: 0572 770472/756829

Leading supplier of rigid plastics packaging from 250ml to 30 litre in mide range of materials. BS 5750 Approve RPC Containers Ltd. Blackburn Tel: 0254 682298 Fax: 0254 583752

Rushden Tel: 0933 59 136 Fax: 0933 410406/410093 BS 5750 Approved. UCP I Stewart Road Bridge of Allan Stirling PK9 4]G Tel: 0786 833613 Fax: 0786 834233 Teles: 816415 CMBG

Contact: | Cranston

Tlx: 635800

BS 5750 Approved. RPC Containers Ltd.,

PACKAGING INCORPORATING CONVERTING Name: Job title: Department Compony address: Telephone no: Company business:

t anciose chequa

Company business:

Let

find

VOLL

(8)

VOL

Onstorners

Free Personal Copy NUMBER OF EMPLOYEES AT THIS ADDINGS & PRINCIPALITY Pleese soud mo PACKAGING NEWS every SOFTRA month if I quelify to receive copies FREE 500000 Surveyor for Amore of CHARGE. OD YOU PRELIMMENT (PE),0a \* III tolease tak on bir o'de. 183 THE PURCHASE BE A DESCRIPTION OF APPROPRIATE PROPERTY. TIBREHOARU LONIAMERS - 44: PACKAGING EQUIPMENT [1] 445 JOILE SRIES INGINECRING | 1473 FULL AND PARTRIBOARD

Please sign here only il yau wish to receive a Ites tegular capy al Packeging News

PACKAGING Subscription Application
Pleese sond me PACKAGING NEWS every CONVERTIN month for one year at the rate of £60 pe UK end Surfece Meif oversees.

Airmeif Rete £90 pe. Please invoice my company

Job title:

Compeny namo:

Poolcode: Telephone no:

FOOD ("1 47) FOIL PACKAGING 171 521 PLASTIC PACKAGIRES PULP AND PAI'ER BOARD CHIRCHIES ENGINEERING PHARMACEUTICALS PLASTIC FILM CHEMICALS CARIONS PRINTED PACKAGING | 570 OTHER PLEASE SPECHYL PLEASE DESCRIBE YOUR

FIGREBOARD CONTAINERS (T) 442

GLASS CONTAINERS

PACKAGING EDUIPMENT !

CARRELL

CHEMICALS

ELECTRICAL

PLEASE DESCRIBE YOUR

COMPANY'S MAJOR ACTIVITY

PLEASE INDICATE YOUR ANNUAL TURNOVER IN 1000 £

NUMBER OF EMPLOYEES AT THIS ADDRESS

PURCHASE:

MORE OF THE ABOVE 1 / 03

SPECIFY APPROVE

DO YOU RECOMMEND ! ; 110

SPI CITY

1000 1 1471

I DO NOT WISH TO RECEIVE PROMOTIONAL LITERAL URE FROM OTHER COMPANIES I

(III fpicase his une bor only)

PRINTED PACE AGING 1 1520 OTHER PLEASE SPECIET

PLEASE INDICATE YOUR ANNUAL TURNOVER IN '000 E on []- ESD on []- ESD-500 on []- ESDO-1m on [] film-flom on []-110m I OD NOT WISH TO RECEIVE PROMOTIONAL LITERATURE FROM OTHER COMPANIES [...

PACE AND A TOUR PROPERTY WAS DRIVEN BY THE SERVICE STATE

PAPERIAND BOARD + 40

PLASTICATIONS

LOTE PART AGING

MACHINERY

PLASTIC PARTAGING

CONSASSIACISMAN S

MUJRIPLEAM SPECIFIC

COATINGS LAMINATES

PACKAGING EQUIPMENT, MATERIALS OR SERVICES

PLASTIC MOULDINGS

FOILS AUD LAMINALES

OTHER (PLEASE SPECIFY)

PLASTICETORES: 407

00

PERSONAL

FREE

APPLICATION

**BSCRIPTION** 

S

**Showcase Packaging Information Cards** 

REPLY CARD NEWS

Plense send me detaifs and advertising rates for your Packaging Information Cards.

Job Title\_\_\_\_\_ COMPANY\_\_\_\_

POST CODE\_

LEADS THAT MEAN



THE NATIONAL PACKAGING/PROCESSING EXHIBITION

THE POINT THE NATIONAL EXHIBITION CENTRE 19-20 OCTOBER 1994 THE SHOW THAT OFFERS MORE!

The only trish Exhibition in 1994 that will cover all aspects of the Multi-Faceted Packaging & Food Process industry

> Contact Jim McGuirk, McCann McGuirk Presentation Greenmount House, Harold's Cross Road, Dubila 6W, Ireland.

Phone: 832497/632493 Fax: 844179 niarnational 4353-1

PACKAGING NEWS/MARCH 1994

SE PACKAGING IATION CARDS SE

**BUSINESS** 

.

Wario Parkaging Lad.

hkidiga tistorta

Соция. Мен Ветапарае

Indop House H 30 High Ross

Late Control of Manager, National Acceptance of the Control of the

"A BIC ALL:

Ldspin

SACKS, WOVER

Shortley Rend,

Prison, Luic. Ed 0772 <u>320 12</u>9

Tax: 2772 314276

Dangerfield & Page Ltd.,

Belgran Road, Halesmon, West Millands Bu? 9EY.

Feb. 021-559 [6999] 354

Line 021-561-5613

Lasheen Plast Industries.

Paricale, Middle ex UR6 2JLt.

Tel (01-99) 2395

Connect Mr Sledi

Tag 081-991 2 998

(1000 Dates) in Sc

Contains leads.

Weir & Carmidad

Liverpool (1.3.714); Tel: 051-227 4076

Fax: 051-255 1162

SECURITY THES & SEALS

Ung 1-3 , Hilton Industrial Park

Fast Wittening, Chichester, West Sussey PO20 8FT

SO, Pall Mall,

Th: 6.9679

Puma Packaging

Tel: 0243 672267

Fax: 0243 671515

Secornak Lrd.

The 922130

SHRINK TUNNELS FOR SLEEVING

502 Honeypot Lute, Stanmore, Middleses.

Tel: 081-952 5566

Dan 12, 21 Wadsworth Rd.,

Locatek Hall,

Thu677272

POLYPROPYLENE

Centurion Packaging Ltd.,

# **PACKAGING**

Advertisement Department Maclean Hunter Maclean Hunter House Chalk Lane **Cockfosters Road** BARNET, Hertfordshire EN4 OBR

BUSINESS REPLY SERVICE Licence No WD 2794

# **PACKAGING**

**Circulation Department Maclean Hunter Maclean Hunter House** Chalk Lane **Cockfosters Road BARNET**, Hertfordshire EN4 OBR

BUSINESS REPLY SERVICE Licence No WD 2794

# **PACKAGING**

**Circulation Department Maclean Hunter** Maclean Hunter House Chalk Lane Cockfosters Road BARNET, Hertfordshire

BUSINESS REPLY SERVICE Licence No WD 2794

PACKAGINGNE

Packaging News Maclean Hunter House Chalk Lane Cockfosters Road BARNET Herts EN4 OBR

# S S

3

35

PLAIN & PRINTER PLASTIC BOTTLES See also Bottles Plastic

RPC Containers Ltd., (Registered Office) Grove Street, Raunda, Northarits, NNv nED. Tel: 0933 A23311 Fax: 0933 622126 I eading supplier of rigid plastics packaging from 250ml to 30 litre in wide range of materials. BS 5750 Approved BLC Continuous

RIC Containers Ltd., Tel: 0933 59136 Fax: 0933 410406/410093 RS 5750 Approved. RPC Containers Ltd. Tel: 0572 7.33771 Fax: 0572 770472/756829

The 341257 BS 5750 Approved. RI'C Containers Ltd., Blackburn Tel: 0254 682298 Fax: 0254 583752 RPC Containers 1.1d.

Tel: 0536 43488 Fax: 0536 205493 BS 5750 Approved.

Tel: 0923 240740

Fax: 0923 816894

Keith Crafter Agencies, 40 Ringwood Road,

LUton LU27BG

Tel: 0582 597066

Fax: 0582 490 524

E. & T. Plastics Ltd.,

Liverpool L20 8EX. Tel: 051-944 1044

Foster Street.

Tlx: 628052 G

HPLLtd.,

RGIA TRZ

Tel: 0488 72070

Fax: 0488 71122

Brickyard Road,

Aldridge, Walsall WS9 8SR.

Tel: 0922 54747

Fax: 0922 59429.

Complete sevice, design

Ryford Limited.

Fax: 051-944 1575

Holt Lane, Netherle

Liverpool L27 2YB.

Fax: 051-487 3123

Tix: 627877 HPLPAK G

Kennet Packaging, Unit A, Aerial Business Park,

Lambourn Woodlands,

Agents - Resibel Induction Scaling System

Delatour Snap-On Caps. Weatherehem Flappet Caps. Suppliers/Stockists - Plastie

Phone now for our brochure

ItS 5750 Approval. Tamworth Plantics Limited, PLASTIC CAPS AND Apollo Frihield Road Inds. Estate, CL DSURES Tamwork, Staffs B79 TA Hanbury Plantie

Tel: 0827 68383 Banbury, Oxfordshire Fax: 0827 620ml Contact: Ray Neal Thurgat Bolle Packaging OX1671Y. Tel: 0295 267961 71x: 637424 Telford Wav, Faz: 0295 2673 36 Kerrering, Northants, NN In 8UY, Ceebrite Ltd. Rembrandt House, Tel: 0536 410111 Hagden Lane, Watford, Herts, WD1 8LL.

Fax: 0536 410174 Tufcon I.td. Eastfield, Scarborough, North Yorkshire YOH JBY Tel: 0723 582841

RPC Containers Ltd.,

(Registered Office)

Grove Street,

Northants NN96ED

Trl: 0933 r.23311

Fax: 0133 #22126

RPC Containers Ltd.,

Fax: 0433 410406/410093

Fax: 0572 770472/756829

Tel: 0933 59136

BS 5750 Approved.

RPC Cuntainers Ltd.,

Tel: 0572 723771

BS 5750 Approved. RPC Containers Ltd., Blackburn

Tel: 0254 682210

Th: 635800

Fax: 0254 583252

RS 5750 Approved

Corby Tel: 0536 63488

Fax: 0536 205493

RPC Containers Ltd.

Tix: 341257

Leading supplier of rigid

plusius packaging from 250ml to 30 litre in wide range of

materials, BS 5750 Approved.

Tr: 11199)

Fax: 0723 583223 PLASTIC DRUMS RPC Containers Ltd., Northampton Road, Rushden Northants NN10 9AH. Tel: 0933 59136 Fax: 0933 410406/410093

Leading supplier of rigid plastics parkaging from 250ml to 30 litre in wide range of materials. BS 5750 Approved.

PLASTIC JARS Ceebrite Ltd., Reinbrandi House, Flagden Lane, Waiford, Heris, WDI 8LL. Tel: 0923 240740 Fax: 0923 816894 Holt Lane, Netherley, Liverpool L27 2YB. Tel: 051-487 3353 Tix: 627877 HPLPAK G Fax: 051-487 3123 RPC Containers Ltd., (Registered Office) Grove St. Raunds, Northants, NN9 6ED. Tel: 0933 623311

Fax: 0933 622126 Tlx: 311999 Leading supplier of rigid plastics packaging from 250ml to 30 litre in wide range of materials. BS 5750 Approved. toolmaking, moulding up to 320 tonne & finishing B\$5750 RPC Containers Ltd., approved. Enquiries: Contact Mr. Alan Beale. Tel: 0933 59136 Fax: 0933 410406/410093

Fex: 0254 583752

BS 5750 Approve

Corby Tel: 0536 63488

Fax: 0536 205493

BS 5750 Approved

Tel: 0723 582841

Fax: 0536 310151 Injection Moulding:

Eastfield, Scarborough

North Yorkshire YO11 3BY

Tutcon Ltd\_

RPC Containers Lrd.

Tlx: 635800

SAI Packaging PLC 8-10 Minerva Road, BS 5750 Approved. RPC Containers Ltd., NWIG 6HJ. Tel: 081-965 9204/5 Tel: 0572 723771 Fax: 081-765 3826 Fax: 0572 770472/754829 Ventreach Lad, Eastfield, Scarboron BS 5750 Approved. RPC Containers Ltd. North Yorkshire YOLL 3BY Tet: 0723 58284 Blackburn Tel: 0254 682298

Fax: 0723 583223 PLASTIC CONTAINERS

Ceebrite Ltd. Rembrandt Hous Hagden Lane, Watto Herrs. WDI 8LL. Tel: 0923 240740 Fax: 0923 816894 Phone now for our brochure ntercobra Ltd... Queensway Industrial Estate, Pile KY7 5PZ. Fax: 0592 610315 Contact: Mr I J Hea P.C.M. Ltd. Edison Road

Fac: 0928572038

Fax: 0723 583223 PLASTIC PACKAGING CONTAINERS Thurgar Bolle Limited Tellord Way Asumoor Ind. Estate Runcorn, Cheshire WA3 6PL. Kettering Northants. NN16 8UY Tel: 09285 75051 Tel: 0536 410111 Tu: 628248 PCMCON

ROLL

Letta Packaging Ltd., 81-83 Chesterfield Rd., Leicester LE5 5LH. Tel: 0533 733924 Fax: 0533 490071 Contact: Mr Rashid Mulla Manufacturers of Polythen Bags and Garment Covers any shape and size

Londonna Lutripies Ltd. RPC Contribers Ltd.

Lore S. Latamode di հանգորի հանդ Tudego, Tercor de MA Tel (\$95.5) have La. 305 (Hall) Contact rand Proc Polyckar (Southampion ) Ltd.,

Tel: 081 der 39en

Fax: 08| 69| r434

Grangewood Plast

Parkaging Limited

Justinis Lane, Romberl, Essex.

Tel: 07087 25911

Polystar Plastics Ltd.

Peel House, Peel Street,

The 8951426

Nordam,

Southampton SCI (QU.

Tel: 0703 232153

Fax: 0703 23257

swains Packaging.

Fax: 081-506 1892

Tel: 0202 623399

Fax: 0202 621272

Bu khurst Hill, Essex

Van Leer (UK) Ltd.,

Van Leer Packaging Systems
Upton Industrial Estate
Factory Road, Upton, Poole,
Dorset BH1655N

POLYTKENE PALLET COVERS

Initial Packaging Ltd., Westgare, Everite Ind. Est.,

Widnes, Cheshire WAS SRA.

Tel: 051-420 4333

Fax: 051-495 1313

Philton Polythene

Conveners Ltd., Charlives Rd.

Fax: 0268 510517

Siva Plastics Ltd.

Jan: 0703 685-190

Spiritire House, Flazel Road, Woolsto

Charfleet Ind. Est.

Canvey Is., Essex SS8 0PO. Tel: 0268 696331

Southampton, Hanta SO2 7GB, Tel: 0703 448838

Southampton, Hants. SO2 7GB. Tel: 0703 448838

Fax: 0703 685490

BS 5750 Accredited

POSTAL ENVELOPES

Unit 6 Southmead Industrial Park

Hawksworth, Didcot, Oxfordshire, OX11 7HR Tel: 0235 511500

Horncastle Lane, Dunhols

Teles: 265451, MONREF G.

(POLYTHENE)

Alphu Packaging

Fax: 0235 510543

Contact Jason Fisher Brayford Plastics Ltd.,

Lincoln LN2 3QF.

Tel: 0522 530557

Fax: 0522 730372

The 56340

Brook Road,

Leading applier of ugid plastics packaging from 950ml to 30 little in wide range of Ex. Avange. nuterials, BS 5750 Approval Milliand, Iraling Littare RI'C Containers Ltd. Southington, Hunt Schrift, Tel: 0003 501158 Tel: 0254 682298 Lac.0733771044 Fax: 0254 583752 Contact Ray Bryan

POLYTKENE LAYELAT TURE BS 5750 Approved PLASTIC PAINT CONTAINERS Adept Parkaging Co. Ltd., 78-82 Mighting de Conser-RPC Containers Ltd., Eillean Road, London SELV Oaklom, Rudard, Leicy I E15 (4)1 Tid:081-318 7511 Page 081-852 9120

Tel: 0572 223721 Fax: 0572 270472/256829 Allport Plastics Ltd Amyuge koud tadl a Fla: 341257 Brighouse W.Yorky [1Da 19] Leading supplier of rigid plastics packaging from 250ml to 30 liter at wide range of materials B55750 approved. RPC Containers Ltda. 17a: 517188 AT PORT G Pay 0484 730452 Callanante P.L.C. Blackform Tel: 0251 682298 Depth of Trading Factor Blackborse Road Fas. 0254 583252 Th: 635800

PLASTIC PRODUCT FOR THE PACKAGING INDUSTRY

BS 5750 Approved.

PLASTIC PAILS

IIs MES

Arlborn Read, Colling

Rudond, Lance LL 18 cm.)

Table 55/2/77 (4/2) (58/829)

Plasmotec Ltd. Ward Road, Lincoln Park Buckingham Rd.Ind.Fst., Brackley, Northants NN13 5LE Fax: 0280 70[34] For information on standard parts of enstone moulding Contact: Nicky Benton. Ryford Limited,

Brickvanl Road, Walsall WS9 8SR Tel: 0922 54747 Fax:0922 59429. Complete service, design, toolmaking, moulding up to 320 tonne & linishing BS5750 Approved. Enquiries: Contact Mr. Alan Beale.

PLASTIC TRAYS LyreVac, 7-15 Hungerford Road

Brislington, Bristol BS+51 IU Tel: 0272 715480 Fax: 0272 723593 HFW Plastics Limited Albany Road, Gatestread, Tyrie & Weat NE8 3AT. Tel: 091-477 6519 Fax: 091-490 1345 Mailway Packaging Group 12-16 Piteliffe Way Upper Castle Street, Bradford, West Yorkshire BD5 7SG

Tel: (0274) 720019 Fax: (0274) 370132 St. Andrews Way Ind. Estate Bicester Road, Aylesbury Buckinghamshire HP19 3AF Tel: (0296) 415771 Fax: (0296) 23368 RPC Contniners Ltd. Sallow Road, Weldon Industrial Estate,

BS 5750 Accredited пиниветитет Corby Northants POLYTHENE PALLET COVERS (Non Fusion) NNI7 IJX. Tel: 0536 63488 Fax: 0536 205493 Grade Plastics Ltd., Leading suppliet of rigid plastics packaging from 250ml to 30 litre in wide range of materials. BS 5750 Approved. Brookside House, Spring Rd., Ibsrock, Leicester LE6 ILR. RPC Continers Ltd. Fax: 0530 63532

Tel: 0572 723771 Fax: 0572 770472/756829 POLYTHENE PALLET COVERS & LINERS PERFORATED ON BS 5750 App. RPC Containers Ltd. THE REEL Blackbun: Tel: 0254 682298 Siva Plastics Ltd. Spitfire House, Hazel Road, Woodsta Fax: 0254 583752 Tix: 635800

PLASTIC TUBES Intercobra Ltd. Queensway Industrial Estate, Glenrothes, Fife KY75PZ Tel: 0592 752212 Fax: 0592 610315 Comact: Mr I J Heuren

BS 5750 Approved

POLYTHENE BAGS ON THE

Initial Packaging Ltd.

Lancthone Prior, War Madade vi Britishia Story He Tell Seasons on the Tan 0.28 708567

Marihorough Packaging 83 Mallamough Avenue, Olegov GH ZH fiel on 337 3538 Tax: 541 334 1924

Polymril Planies Ltd.,

Unit 4. Westnham Leading Court Westerland, Kent (1846-114) Tel: 0059-562991856-661 Last 0159 562993 Contact Chris Sperverson. Self-HaarSeal Inge stock range & Coe-fa tilan.

**SELECT** LUARRE PAGRAGRACTISHTED For all your onvelope needs, including the superb new:

TOUGH GUY" RANGE 52 Chapel Lane Hadleigh Benfleer Essex SS7 2PP Tel: 0702 555143 Fax: 0702 557729

"Making a Material Hiffercore" Supreme Plastics Ltd. Supreme House, 303 Regents Park Road, Finchley, London N3 2TL Tel: 081 . 49 3434 Th: 28489 Fax: 081-346 1624

POSTAL TUBES

Board Packaging (UK) Ltd., 7 Alston Drive, Bradwell Abbey Ind. Est., Mile of Keynes, Bucks, MK13 911A. 15 Erica Road, Stacey Bushes, Milton Keynes, Bricks, MK12 oF45. Tel: 0208315400 or 315401 Page 0908 222321

Crayford Tubes Ltd. BS5750 Reg No. 23393 Unit 33, Acom Industrial Park, Crayford, Kenr DAI 4AL Over 200 disunctor No minimum quantity Tel: 0322 526614 Fax: 0322 559462

Contact Mr R. A. Toplis PRESENTATION BOXES

M. M. Bell & Sons Ltd., 102 Arundel St., Sheffield SI 3B A. Tel: 0742 724740 (3 lines) Fax: 0742 737523 Stockists of presentati or made to order

E.B. Crowhurst & Co. Ltd., Building 50, Pensner Trading Estate, Kingswinford, West Middands D76 7PP

Fax: 0384 400455 PRINTED POLYTHENE PALLET COVERS/SACKS/BAGS

Tel: 0384 400100

Siva Plastics Ltd., Spittire House, Hazel Road, Wookson, Southampton, Hams, SO2 7GB, Tel: 0703 44883g Fax: 0703 685490

BS 5750 Accredited Wavin Packaging Ltd, Jaykay House, 41/43 High Road, Ickenham, Uxbridge WBIO 81.1: Tel: 0895-634400

Fax: 0895-679126 Contact: Miss Dominique Lebegue Wessex Polybaga Ltd South l-fampshire Industrial Fistate Unit 16, Salisbury Road Totton, Southampton, Hampshire SO4 3SA Tel: 0703 861007/861061

Fax: 0703 86 1923 Westaway Polythene Ltd. North Cheshire Trading Estate, Prenton, Birkenhead, Merseyaide. Tel: 051-608 8046 Tir 626294 WESTA

Fax: 051-608 0404

PUMPS METERED DOSE FINGER SPRAYS/LOTION DISPENSERS

I mount propertials Satism Appears he Lour Make, About Hampdore GLU4 5H34 Tel 642: 6256 Th: 858024 Tax: 0420 r.Julia Contact Bill Markagur D dealedle Linguer "Uring at Seek primp. minutacium enforcemient de toiletes varlactions NAR (U.K.) Lid. 3. The Meadors School, Capable Pf. 17 41.G. B L 0480 350727

Last 0480 494461 **PVC CARTONS & DRUMS** A.C.R. Packaging, Unit 7, Midlind War,

Th. 32922c.

Thombury, Avon 1812/208 Page 0454-449634

D& S Packaging Lad Westor Hall Road, Moke Prior, Bromsprove BootAJ. Tel: 0527 575362 lias: 0527 371*7*0 Gina Plastics Ltd.,

Bentalls Pipps Hill Ind. Estate, Boddon, Feex SS14 30CC Tel: 0268 532029 1-us: 0268-285892 Lorch Arnalgemated Plastics, Chesterion Road,

Eastneed Trading Estate. Renherham. S. Yorkshire Sc.5 1ST. Tel 0742 611880 Fax: 0742 425838

Plastique (Hinddey) Lul Unit I, Hunckley Road Leirs LE9 71 X Trl: 0455 840544 Fax: 0455 840082 Coman: Mr R Genor Manufacturers of PVC Lids & Trays and folding currons etc.

REFUSE SACRS

Allied House,

Aim Trading Co. Led.

14 Bull Lanc. London N18 ISX.

Tet 081-803 7668

Tel: 081-807 5454

Essex I fourse

Justine Lane, Routford, Essex RMZCER

Tel: 0708 725911

Fax: 0708 728677

Fax: 0703 771044

Fax: (0703) 861923

SOLIOU.

The 8951426

Contact: Mr L. Lewis

Grangewood Plustic Packaging Limited

Polycless (Southampton) Ltd.,

Southampion, Haus SOI OLG Tel: 0703 701158

I st. Avenue, Millbrook Trading Estate

Fax: 081-952 6983 SHRINKWRAP PALLET **PVC DRUMS & TUBES** Larch Amalgamated Plastics,

COVERS/BAGS Chestenon Read, Eastwood Trading Entate, British Visqueen Ltd. Yarm Road. Rotherham, S. Yorkshire S65 1ST. Tel: 0742 61 1880 Fax: 0742 425838 Clear PVC drums, rabes, layflar tubing of courses

Cleveland TS18 3RD, Teb 0642 672288 Tt:: 58509 VISQ G Sales Fax: 0642 617653 Contact Harry Curson Centurion Packaging Ltd. Shardley Road, Lostrek Hall,

l'resson PR5 5LP. Tel: 0772 322229 Fasc 0772 314276 Dangerfield & Page Ltd., Specialists in annalier quantities Behgrave Road, Halesowen, West Midlands, 862 9EY. Tel: 021-559 1697/1354 Fax: 021-561 5613

Initial Packaging Ltd., Westgate, Everite Ind Estate, Widnes, Cheshire WA88K, L Tel: 051-420 4333 Face 051-495 1313

Ketts Products Ltd., Linde Green, Bunwell, Norfolk NR 16 ISP Td: (0953) 788311 Fax: (0953) 788361 Contact: J.L. Lee. Slurinkfast Lid.

Contact: Ray Bryan Polystat Plastics Ltd. Hawksworth Trading Estate, Swindon, Wilts SN2 IDZ Peel House, Peel Street The 44-1207 SHRINK G Fax: 0793 34649 Tel: 0703 232153 Fax: 0703 23257 Siyn Plastics Ltd., Wessex Polybags Ltd, South Hampshire Ind. Park, Spiritize House, Hazel Road,

Salisbury Road, Totton, Southampton, Hampshire, SO4 Woolston, Southampton, Hants, SO2 7GB. Tel: 0703 448838 Tel: (0703) 869047/861061 Fax: 0703 685490 BS 5750 Accredited

RUBBER BANDS TIES, WIRE, PAPER OR (For all types of Industrial Packaging Application H. A. Coonibs Ltd., Porte Marsh Road

Calne, Wike SN11 9BS. Tel: 0249 812771 Fax: (0249) 814600 SACKS, POLYTHENE

British Visqueen Ltd., Yamt Road, Stockton-on-Tees, Cleveland TS18 3RD. Tel: 0642 672288 The 58509 VISQ G. Sales Fax: 0642 617653

PLASTIC COATED H. A. Coombs Ltd., Porte Marsh Road,

Culne, Wals. SNI 19BS. Tel: 0249 812771 Fax: (0249) 814600 GENPACK A/S Lejrvej 27 DK-3500 Vaerlose Denmark Tel: +45 42 48 62 00 Fax: +45 42 48 62 61 Gunclips, Twis-Ties, cut length, gangs or rolls in paper, pvc or pe

TIMPLATE CONTAINERS l'inplate Containers | 14|, RUIOMAT. Tel: 0734 343701

Fax: 0734 343890 TRIGGER BPRAYERS & DISPENSER PUMPS Guala UK Dispensing

Division Office Burton Hill Cottage Malnichury SN 169LS. Tel: 0666 824390 1:43:0666 \$24390

TUBES, CAROBOARD Cores & Tubes Ltd.

42 Vulcan Way, Crowdon CROUUG Tel: Cu89 848586 Crayford Tubes Ltd. BS5750 Reg No. 23393 Unit 33, Acorn Indumnal Park, Crayford, Kenr DAT4AL Over 200 diameters No mini num grandi Tel: 0322 526614 Fax: 0322 5594742

Contact: Mr R. A. Toplic Տարթատու Դուխ Unit 5 Concord Business Centre, Bişşin Hill Airport Biggin Hall, West cent TN163IIN. Tax: 0059 5702 (9 iomact: John Simpso

TWIST TIE & WIRE

Puma Packaging Demon, Manchester Unit F3, Hilton M343WD. East Wittering, Chicheste West Sussey PO20 8FT Fax: 0243 671515

WALLETS WELDED PVI HFW Plastics Limited Alliany Road, Gateshe Tyne & wear NE8 3A Tel: 091-177 6519 Fac 091-490 1345

WIRE BAG TIES Sangerfield & Page Ltd Belgrave Road, Hales West Midlands B62 9EY. Tel: 021-559 (4997)

WOODEN CASES 24 London Road

Berks RG134LP Tel. & Fax: 0635 863783 plywood, air & sea freight expor packers, packing use and pallet

ADHESIVE APPLICATION AND CONTROL Patra Limitor

Essex SS14 3BU Fel: 0268 280606 23: 0268 280004 Felex: 945241 Pafra G pecialist manufacturer of eold sive application equipment ADHESIVE SYSTEMS

C.A.S. international Ltd., Unit 2, The Business Centre, Frema Close, Dennington Ind. Est., Wellingborough, Northants NN8 20 E. Tel: 0933 223091/225136 Fax: 0933 441657 MRH Adhesive Application ystems Ltd., Unit 80.

Laurence Leyland Complex, Irthingborough Road, Wellingborough, Northarte: NIN8 1RA. Tel: 0933 273639 Fac (9)3 271414 Contact: Mr Martin Hartley Valeo Cincinnati Ltd. Unit D8, Road 7, wood Ind. Est Shropshire TF1 4GP. Tel: 0952 67791 1 Pau: 0952 677945 Conrace Mr Bob Taylor

ADHESIVE TAPEB P.S.Adhesive Systems Units 38:4 Sandybed Shops andybed threeem Scarborough North Yorkshire Yell 251.8

Tel: 0723 374915 Lax: 0723 351466 Print & Graphies, Steren Plate Mounting, Overlaminating & Transfer, Web Splicing BALING PRESSER --

NEW/RECONDITIONS O Alben Place, Lower Darwy Lancashire BB3 CQ1:.. Tel: 0254 61199 7lc 63118 Contact: M. Alin Jones

BOWED & SPREADER ROLLS Thergrip Limited, The Runnings, Chekenhar Gloucestershire GL51 9NJ. Tel: 0242 584112 Fax: 0242 172448

H. Wiltler & Co., (Engineers) Limited Maxim House Green Lane Stockport SKa 3JQ Tel: 0n1=130 39g Th: 665442 HOROLL G Pax: 061-PA 0046

Superspreader spirally cut rubbe roller prevents creases in most Usher Walker Rotadyne
Unit 13 Thurneside Ind. Est. bactery Road. nown London E16 2ER. Tek 071 476 5171 Pas: 071-476 n620. Contact Mr. Peter Bishop

Sales Director. BRAKE & TENSION CONTROL

Wilton Street, Tel: (61-336 4702 Fax: 061-335 0100 Tension brakes for all stopping and tensioning duties.

SYSTEMS

CHANGERED DOCTOR BLADE

iyopro Machine Iruliative Ltd., River Works, Shepley Non'h Industrial Estate Shepley Road, Audenshaw, Manchesie: ALM 5DR Tel: Col 335 0748 Face 061 335 9803 Contact Anthony Whiteside Retrofit of non-leaking character

systems for any fleospress. CHUCKS, CLUTCHES & BRAKES Boschert Safety Chucks I ed.,

P.O. Box SX24,

Kent ME10 4PZ

Tcl: 0795 471946

Contact: David Blackburn

CHUCKS & SHAFTS /AIR

Airmat Machinery Ltd.,

43 Bridgeman Terrace,

Te<del>l</del> 0942 493563

Andover SP10 3TS

Connect: Mr John Titchene

Sales Manager, Mrs Patricia Pourrain-Sales Deak

Tel: 0264 333355

Fac: 0264 333304

Fax: 0942 496276

Deublin Limitec

Roste Close,

West Portug

Ebergrip Limited. The Runnings,

Glovoestershire GL51 9NJ.

Tel: 0242 584112

Pag: 0242 222448

Rimor Airshafts (Pormally Dairen Asse

Tel: 0705 264063

Fax: 0705 230425

Approved Company. Gdland (UR) Ltd.,

70/72 Manchester Road,

Denton, Manchester M34 3PR

Tel: 061-320 7242/7557

WHITEHALL, TAUNTON

SOMERSET TALIPG

Tbc 665788

Fax: 061-3204513

TEL: 0823 332442

PAX: 0823 338665

CONTACT: T SELF

Parklands, Forest Road, Denmead, Hampshire P076TJ

Rimor is a BS5750/ISO 9002

Fax: 0795 42954

EXPANDING

West Yorkship WI 27SA Tel: 0924 200444 Fax: 0924 363714 Contact: Malcolin Kerse Chamber Dictor Blade Systems

ORIVES. D.C. & A.C. SPEED CONTROLLERS, GEARED MOTOR UNITS, TENSION CONTROL

Eurocherni Drives Ltd. New Courtwick Lane, Littlehampton West Sussex BN177PD Fax: 0903 721010 Contact: Mike Hanle

embossing machinery & ROLLERS

T. G. Martin & Co. Ltd., Gorton Crescent, Windraill Ind. Estate, Oldham Street, Dente Manchester MD+ 3RB. Tel: 061-320 5711 Page 061-336 3936

EMBOSSING ROLLS Pamarco Europe Ltd New Cur Lane Industrial Estate, Wookston, Warr Cheshire WAI 4AQ Tet 0925 815 717 Fax: 0925 820 126

Single and matched embos rolls & Engraved applicato for all substrates. Stander International Ltd Roehlen Engraving Division Unit 6 S Converting Equipment UNIT 2 WINDSOR PLACE

Cromwell Road Trading En. Bredbury Stockport Cheshire 5K6 2RF Tel: 061 430 68 15 Fac: 061 494 54.04 Contact: Jim Pickford Suppliers of single, male and female point to point rolls for all embessing applications.

Verwald Could L Simplex-Tirchida Co. Lid. Whered Pring Wherwell, SPIT 7ILL

Fel: 02(4)86(2)86

Tav: 03/4 860180

COATING & ORYING

C G Automation Lui

8 Highmeres Read

MACHINES

LE+7LZ

SERVICES

Strood, Kent

ME24ED

Tle: %330

Tel: 053) 7იტებ

Fax: 0533 742944

also serevii primi

British Sisalkraft Ltd.,

Tel: 0634 293505

Fas: 0634 291029

Machinery Sales,

Tel: 061-762 9737

COUNTING/BATCH TABBING

Both on-and-off Machine

Portals Engineering Ltd.

Portland Street

Bory, Lines, BL9 6EY.

(Paper/Board)

Vacuumatic

8 Brunel Way,

COLIQX:

SAVERB

Tel: 0206 8411 00

Fax: 0206 841 166

CRUSHED CORE ROLL

Tidland (U.K.) Ltd.

Denton, Manchester M34 3PR

Tel: 061-320 7242/7557

DOCTOR BLADES & SYSTEM

Fax: 061 - 120 4513

P 1.7 Box 56

Parkland Machines Ltd.

CORE CUTTING MACHINERY

Commissioners Read

**COATING & LAMMATING** 

Sheet & board, special purpose,

Teles: 477966 SIMPLX

 $\{Q: 0\}$ 

FILMS - CELLULOSE ACETATE Conramida Speciality Plastics, Perfloy 5 So andone Early (4.278): Tel 0132 (6)422 Eug 6332 (#2078) Lay, 021-553 (284)

Prilibratia (1945)

MACHINE DESIGN Frankluid Project Man ) Woodale Line, Fallowstree Countries Nr. Reading Berks, RCH 9DL Tel: 0734723630 Lax: 0734 724585 REEL WRAPPING &

KANOLING EQUIPMENT B. AL Machine LuL, Afbeniarle Road, Taumon Somerset TALLINE. Tel: 0823 283411

The 46254 Fax: 0823 251095 RELEASE PAPERS. FILMS & SILICONE

Sterling Coated Material Lul-Etherna Works Hillingworth, Hyde, Cheshire, 5K148NU. Tel: 0457 866931 Fax: 0457 86479) Glassine, Polyethylene & Clay Contact: D.J. Scott.

POTATING UNIONS Barco Europe Limited Unit 68 Herming Road Redditeli, Works Tel: 0527 32550 Fax: 0527 517612

Contact: Bob Clererler **Енгореан Манадег** #55750 Part [] Deublin Linsited Royce Close, West Ponway, Andover SP103TS Tel: 0264 333355 Fax: 0264 33330 Contact: Mr John Titchener

Saler Manager, Mrs Patricia Pountain, Sales Desk. 70/72 Manchoner Road RUBBER & POLYUBETHANI ROLLER COVERINGS

Tel: 061-762 9737 Stowe Woodward Ltd., Fax: 061-762 4738 (Head Office), Titan Converting Equipment Viewlield Road, Gleurothes, Scotland KY6 2RG Juniels Word Estate Tel: 0542 772612 Stevenage, Herrs, SGI 277, Tel: 0418-741144 Tls: 72271 Wx: 0512 772821 17x: 825212 Wigan Factory ux: 0438 740017 Tel: 0442 44226 rewinder

damplacturers of slitters and Vewport, Gwein Factory SLITTING & REWINDING Tel: 0633 258341 SERVICE ENGINEERS SERVICES Ballinger Rawlings 1.1d. PAPER CONVERSION Ehberns Road, Fleniel Flenipsicad

MACHINERY & Pinternationa Unit 3 Kiln Park Searle Crescen Winterstoke Road Weston-co Avon 8523 3XP Tel: 0934 416038/416113

SPLICING TAPES Fax: 0934 635504 esa Division Yeomans Drive Blakelands, Milton Keynes Telex: 445963 Contact: Phil Noble Bucks. MK1+5L5 SHAPED SEAL UNITS/PLATEN Tel: 0908 211333 SEALERS Telex: 825598 tesa GBG Synpro Machine Initiative Ltd. Fax: 0908 211555 P.S. Adhesive Systems River Works, Units 3 & 4 Sandyhed Shops Shepley North Industrial Sandy bed Crescent, Shepley Road, Auderaha Manchester M34 5DR Scarborough, North Yorkshire YOI 25LS Tel: 0723 374915 Tel: 061 335 0748 Fax: 0723 351966

Fax: 061 335 9803 Silicone Spliring Tapes; Transfer Tapes, Single & Contact: Anthony Whiteside. non-standard and curved STATIC ELIMINATION & ASSIST EQUIPMENT SHEETING, SLITTING & Arrowquint Ltd., Derllwyn House, Lanib Lane, Ponth

REWINDING SERVICE Aarque Syxteme Ltd., Alliance Works, Blackthome Road, Slough SL3 OTP Tel: 0753 684567 Pax: 0753 684075 Contact: Mike Bond convertors & piod. pkg.

SLITTING, DIE CUTTING & REWIND SERVICES Central Convectors 80a Henry Street Northampton NN1 4JE Tel/Pax: 0604 233461 Contact: Barry White

SLITTING KANTE HOLDERS & HATVES Mario Cotta Enginecci implex-l'urbujo C e Lud

このが D 変形 音楽

Wherwell Priory Where ell Ոսաբժու ԿԴՐ*ի* Մ Tabilitation grade Lis (\$64 mg) pa-Contact: Mr P Hogath lidland (U.K.) Lul. 20072 Manchester Road, Manchester MACAPIR. Tel: 061-320 7242/7557

Th: 16.5288 Fax: 061-330 4513 SLITTER/SHEETERS 50 Seagoe Ind. Est., Craigavon, Co. Armagh N. freland BTto 5QA Tel: 0762 33334 Fax: 0762 330915 Manufacturers of slittle sheering, stacking, winding equipment for use in line with process machinery or free standing. Standard and purpose huili maehi applications catered for

Leicener LIST 71.2.

Tel: 0533 76020n

Fax: 0533742995

Grigglestone, Wakelield,

WI:+ 3FIT

West Yorkships

Fax: 0924 258815

Machinery Sales,

Parkland Marhites Ltil.

Bury, Lines, Bl. 9 aley.

Hertfordshire HP3 4RD.

Newport, Gwenr NP6 | HA. Tel: 0633 422292

Meech Static Eliminators Ltd., Burford House, 15 Thomey Leva Business Park, Witney, Oxon OX8 5DP.

Fax: 0633 430041

Tel: 0993 706700

Fax: 0993 7769?7

N. V. Tools Printing

Essex CM14 4LL.

Tel: 0277 214455

Equipment Ltd., St. James Road,

Northern Office Tel: 0274 73461616

Tel: 0442 217555

Tlx: 826933.

Fax: 0442 60091

fanit Reilfern Lul

Crigglestone Ind. Estate. High Street,

Telephone: 0924 254445

Kem TN14 5140. Tel: 0732 451007 SLITTING & REWINDING Fax: 0732 456582 MACHINFRY Contact: Mr Richard Order Alan Duffy Mount Hope Machinery. Engineering Ltd., Navigation Mill, (A division of Stowe Woodward Ltd.), rest Street, Viewfield Estate, Blackburn uncs. BBI 3RB Scotland KY6 2RG. Tel: 0254 679023 Tel: 05'12 "7261" Tlx: 9312110525 Fax: 05/12 630016 Fax: 0254 680816 C. G. Automation Limited, UNWIND/REWIND REFI 8 Highmeres Road,

STANDS Ehergrip Limited, The Runnings, Chehenhum, Gloticestershire GF51 9NJ. Tel: 0242 584112 Fax: 0242 222448 U. V. LAMPS

V. L.T. Ltd.,

Sum o Exclusive Distributor.

West Vorkshire BDI 21.14.

250 Thornton Road,

Tel: 0274 1915 to

Fax: 0274 73(195

TRIM EXTRACTION

Impact Air Systems Ltd.

hupart House

Cikland Road

Leicester LIΩ nAN

Planes, paper & hou

including, trim, cutting &

Arrawhive Equipment Ltd.,

Variallog's Business Park,

Busgrave Line, Stoke Row, Nr. Henley-on-Thames,

Tel: 0533 448855

Fax: 053.1.448292

granuLition.

Usen ROUSEDB

Tel: 0491 682044

Fax: 0491 682117

CMC (Enrope) Ltd.,

Arctic House.

Sevenouke.

Dumon Green,

Unit II.

SYSTEMS

WER INSPECTION

Tel: 0254 679023

hes: 0254 680816

WIPES-DISPOSABLE

5 Fragmore Road, Henrel Hempateral

Here HP 981

Fax: 0142 251878

Nort I ining Wipes for

Degenic terroreal of

amaninens from

Convening/Printing Machinery & Plates

The state of the last of the l

Quirkpack (UK) Limited

I Linne (Way) picci Industrial Bess (Way) Norther (Way) Teles (Way) Fax: (Way) Contains

ADHESIVE APPLICATION AND

C.F.F. Application Systems

Ray 1, Viround Hoor

STEAL WITE SKO THE

Soutace John H. Hadso

Hot Meli & Cold Adhesio

l quipmen & Systems.

Th: 99520 PAFRA G

Specialist manufacturers of dadhesice application

horomerol hat Es.

Contact: My Rob Taylor

AIR POLLUTION CONTROL

Felford, Shropshire TFI 4GP.

Tel: 061 419 7032

Pay: 0ol 449 7959

Pafra Limited.

Bernalls, Basildon

From SSI4 3BU.

Tel: 0268 280600

Fax: 0268 280904

Valco Cincianari

Unit 138, Read 2

Del: 0952 67.911

CMB Engineering,

Clew Ahon Lan

CONTROL

Corve Mail

Alaple

Hildren Lane

-- 1-.

1-1:044. 230992/230725

tiunedline Ltd.

Alan Duffy Engineering Ltd.

Mavigation Mill, Fores Se, Blackburn, Larex, BB1 3BB

The 664755 OFFICEG

MACHINES

Amha Lamps 10 Canada I love Banbury Oxon OX167BT Fel: 02:15 272666 Pax 02/15 272611 TIS 837260 AAIBA G Primare UV Technology Ltd. **BSI Registered Firm** Certificate Nut I-M 22114 BS5650 - Part IF 753 Deal Avenue - Trading

Derkshire, SL 1 481 L Tel: 0753-528628 Fax: 0753 811678 Contact: Keith Lane. WALLETS WELDED PVC HIP Plastics Limberly Alliany Road, Tyne & Wear, NEX JAT.

Westleughton. 131 5 101 Tel: 0942 815111 Tel: 091-477 6519 Fas: 0742 814953 Fax: 091-490 1345 Kraftanlagen Heidelber WASTE EXTRACTION Pantiles Business Centr l'amiles Chambers SYSTEMS 851 ligh Street Tunbridge Wells Kent TN1 IYG Air Plants Ltd., 295 Aylenone Ruad, Tel-0892 548937 Tel: 0533 833581 Fax: 0533 83731 8 Halifax Air Syctems Lld., Kingston Grange

Fax: 0892 520298 We have a proven solution whatever your abatement prublem. **AUTOMATIC COUNTING AN** Hopwood Lane, Halifa West Yorkshire IIX 1 4EX PACKAGING SYSTEMS Tel: 0422 36462 Fax: 0422 321922 l'odmores (Engineers) Lu Standard & purpose built trin Winton House, & waste removal systems for Stoke Road ronverting & packaging Staffs ST4 2R11 Tel: 0782 4536. Longhurat 8 ros.

Access code: Podmor Comwall House, Fax: 0782 744024 Station Approach AUTO SIDE & ROTTOM LOADING PACKAGING Machines Aylesbury, Bucks. HP17 9DN. Tel: 084 44 2071 Fax: 084 44 7987 Cermex UK Ltd. PO llox 12, Huntingdon Cambs, PE186EF

WEB ACCUMULATORS & TURNER BARS Ebergrip Limited, The Runnings, Chellenham. Gloueestershire GL51 9NJ. Tel: 0242 5841 L

Fax: 0242 222448 WEB GUIDING & VIEWING EQUIPMENT BST (UK) Limited Unit 5, The Regents Court Far Moor Lane Winyates Green

Worcs B98 OSD

Tel: 0527 51 7375

Fax: 0527 517376

Contact: John West

The 975030 Uropak G Fax: 0502 716814 BAG FILLING & CLOSING MACHINES Petzold & Company. 51 The Mall. London W5 3TA Tel: 081-567 9920

PACKAGING NEWS/MARCH 1994

Cuntact: Nick Petrold

FAWEMA bag and recl-fed

machines for powders and

Tel: 0487 455919

Europack Engineering Co. Limited.,

Common Lane North, Beccles, Suffolk NR34 9BP.

Fax: 0480 451520

Tel: 0502 716540

Contact: Tim Davies at. DETROPI 3 Prince Rupert House Cavaller Court, Bumpers Farm, Chipperham SN14 6LH 0249 444685 Fax. 0249 443932

DAG FILLING & SEALING MARKINI oodal Ltd.,

Unit 5, Emerprise House, Ashby Road. Leics L.Fx 21 A Tel: 0530 510502 The 341 to 7 I'A RSOU G Fac: 0530 510970

**BAG LOADING MACHINERY** Perzold & Company, 51 The Mall. London W5 3TA Tel: 081-5h7 9920 Fax: 081-840 6701 Contact: Niek Petzolo FAWEMA bag and reel-led machines for piece product **BAG SEALING EQUIPMENT** 

317 Guildford Road, Surrey GU24 4BB Tel: 0483 476767 Far: 0483 486 143 BAG STITCHING MACHINES

Unit E4, Northway Trading Estate, Glas. G1.20 8111 Tel: 0:34 298182 Nikon Hou Fax: 0084 202678 Newlong Holland BV. Capronilain 10 Posibus 75172 1117 ZS Schipoh 0800 2x2456 Tel: +31 (0) 20 653235 Fax: +31 (0) 20 6532416

The Thames Packaging **BLISTER PACKAGING** Equipment Company, Senate House, MACHINES Arrehor Plastics Machinery Summerhouse Lane, Harefield, Tel: 071-254 7132 Middx UB96FILL Tel: 084 582 4301 Tlx: 894341

Fax: 071-241 0559 Telex: 22776 SENATE G Greenbank Compe The Old Piggery, Trinity Lan Hern ENSTEP Tel: 0992 636086 EDL Parnavac High quality balers and Upcou Aven compactors for waste

BARCODE EQUIPMENT Codeway Ltd., Codeway House, Telford Way. Colchester CO++QP. Tel: 0206 751300 Fax: 0206 751286 Printers, Readers, Verifier

Tyssen Street,

Contact: Tim Davies at:

SYSTEMS

ATMS Ltd.

Love Lane,

Bourne End.

Buckinghamshire SL8 5AQ.

Tel: 0628 810180

Fax: 0628 810157

Aston Science Park,

Birmingham B7 4BJ. Tel: 021-359 7407

ndustrial Computer Systems

Contact Andrew Widgery

Suppliers of Barcode software, labels, laser & thermal

Unit 3, Kestrel Business Park

Finehampstead, Wokingham, Berks. SGII 4QQ

Labelling software / printers hazard labelling, barcodes,

Fax: 021-359 4200

PO Box 8. Famba

Tel: 0252 734333

urrey GU103RX.

Map 80 Systems Ltd.

Ivanhoe Road,

Tel: 0734 731800

Fax: 0734 731900

Constact: Andrew Chevi

3 Pance Ruperi House Cavelier Court, Bumpers Farm, Chippenham SN14 6LH Tel: 0219 441885 Fax: £1249 44383; BAR CODE LABELLING

lpha-Numerie Systems PLC, Alpha-Numeric House,

illig UK Limited, Unit 12. Mark Road, Heniel Hempstead, Herts. HP2 7BJ. Tel: 0442 212533 Tlx: 82421 (iliguk) Fax: 0442 21952.

Forminy Nielsen (UK) Ltd. Express House Saxham Businesa Park Suffolk IP28 oR B Tel: 0284 723699 Fax: 0284 723701 Contact: Ken Jens get the know how direct Pramesco Ltd.

Park Lane, Tel: 0303 840551 Tix: 965089 Fax: 0303 840234 Ridat Co.. Europack Engineer Co.Ltd., Common Lane North Suffolk NR34 9BP. Tel: 0502 716540 Fax: 0502 716814 Soudal Ltd., Unit 5, Enterprise House Ashby Road, Coalville. Leirs, LE6.2LA.

readers, applicators, specialised labels & consumables. Tel: 0530 510503 The 341167 PARSOU G Staneleo Products Ltd Dumpers Drove, Horton Heath, Eastleigh Hampshire SOS 7DP Tel: 0703 602200

Swiescac (CdD) til., March What M. Maris Book  $[[m_{\theta}]_{\mathcal{O}_{\theta}}, [\beta_{11}]_{\mathcal{O}_{\theta}}]$ Tel: 0751 54677 ffs, 847q97

Reds SG18 01 of

Tel: 0767 318910

Service breakdowns, Rebuild

Planned Maintenance, UK

Flealth & Safety Systems,

4 Nether Row, Therford,

Norbolk H124 2FG

Tel: 0842 755320

hav: 0842 253195

Uniloy (UK) Ltd.,

Tel: 02/15 275368

Fax: 0295 2753art

BLOW MOULDING

Joniar (Europe) Ltd.,

PO Box 16,

Waterlooville

Hants. PD7 6JE. Tel: 0705 269661

Fax: 0705 269671

Fax: 0782 744024

Unit 2, Wildmete f los

MACKINES (INJECTION)

Wildmere Road Ind. Indus-

Banhury, 1 January 17816710.

TIN: 818117

Fax: 0767 (0000)

Consultancy

Law 0751 5854to BLOW MOULDING **MACHINES** B D Services Ltd., Contact. Tim Davies at DETRON 3 Proce Rupert House Cavater Court, Bumpert Farm Blow & Injection Moulding 4 Redmun Garden.

Chippenham SN14 6LH Tel: 0249 444685 Fax: 0249 443932 Erwin Siek Optie - Electronic Waldkirch Flour 39 Hedley Road 51 Albans, Herts. ALI 5BN. Boker-Promac L.d. Tel: 0727 831121

Visolux Ltd., 28 Clifton Industrial Estate, Cambridge Clt1 4BW. Tel: 0223 242020 Fax: 0223 4110h3

BARCODE READERS

Leuze Electronic Ltd.,

Cambs PE19 2RD

Tel: (0480) 403/100

Fax: (0480) 403808

Alington Road,

BAR CODE VERIFIERS Bar Code Systems Ltd. 380 Richmond Read. Kingston-upon-7 Suney KT2 5PR Tel: TOLL FREE Tel: 081-549 0909 Fax: 081-549 0107 Contam: Judith Green

BOTTLE SIZE INSPECTION EQUIPMENT System E Controla Ltd 5 Beaconsfield Street West, Learnington Spa, Warwickshire. CV31 IDH. England Fax: 089 582 5344 Tel: 0926 424258 EDL (Packaging Engineering Fax: 0926 429285 oniari: Mr. Barrie Burio Manufacturers of off or on line measuring equipment at ensures quality control over

Possington Ind. Estate
Barustaple. plastic or glass houles and Barnstaple, N. Devon EX31 INE. inclosures. Tel: 0271 45351 **BOWL FEEDERS** TIX: 46,774 Fax: 0271 72880 Podmores (Engineers) Ltd. Winton House, Stoke on Trent ST4 2R H

Desk-lop Bilster Sealers - Porteble No eir-supply or 3-phase needed. short-run bilster and blists; cards GLT Precision

CAPPING MACKINES Cap Coder Ltd., Unit 42, Monument Farm Ind. Park, lyn Drive, Leice, LE3 2BL

Oxon, OXH 7RW. Tel: 0865 891466 Fax: 0865 891292 Electronie Liquid Fillers - U.K. Unit 5, Pullman Trading Estate, Station Road, Uppingham, Leics. Tel: 0572 821440 Fax: 0572 821550

CAP SEALING - INDOCTION Cheltenham Induction Heating Limited, Saxon Way, Chehen Glonca GL52 6RU. Tel: 0242 514042 Fax: 0242 224146 equipment for loff to Keith Crafter Agencies, 40 Ringwood Road, LUCH LUZZBG. Fax: 0582 490 524

Pdlar/Resibel inducti Relco UK Ltd., Shakeapeare Street, Watford, Herts. WD2 5HD. Tel: 0923 241231 Fax: 0923 24 | 233 Stancko Products Ltd Duniperi Drove, Horton Heath, Eastleigh, Hampshire SO5 7DP Tel: 0703 602200 Fax: 0703 602233

CARTON ERECTING. FILLING CLOSING MACHINES Bielomatick London Ltd. Cotswold Street London SE27 ODP

Tel: 081-761 1211

Fax: 081-761 2847

Holory History Mt. Packaging Technology (UK) Lid., Moreous anti-Mucheld Road, Daley 10121 as

fel 03323-26262 Lan 6332 (2025) The Progressic UE G I P Puckaging Machinery 1d subodury of Freeze Pack (Machinery (Ltd.)

Walnut Tree Close, Canddford, Surrer GUTAUR, Tel: 3483-32811. Lay, 6483 300005x GBE Lerner Burgess Ltd (A GBI: International ple Company), Flenning Road, Unrekley, 11:10 MJU.

Tel: 0455 t. 1388: Fav: 0455 61853 Norden UK Ltd., 4 horch Street Tel: 04n2 895245 Page 0442 895664 Packit Equipment I td. Packit House, Strations Walk. Melksham, Wila Tel: 0225 70722

Fax: 0225 709757 CARTON MACHINERY MANUFACTURERS

Jacob White (Packaging) Ltd., Danford, Kent DA15BY. Fel: 0322 272531 Fax: 0322 270692 Tlx: 8977.33 Cartoning Machinery Manufacturer. Refurbishment, spares and servire by specialist engineers

CARTON OVERWRAPPING MACHINERY Burnley Packaging Fairington Place Rossendale Road Ind. Est. BRIT 55H Tel: 0282 831733

Tlx: 63562? BPM G Fax: 0282 23403 **CARTONING SYSTEMS** Flexifilling Machines Ltd. M.D.B. Centre Crompton Road, Hens. 5GI 2EE.

Tel: 0438 .740321 Tly: 82169 Fax: 0438 742260 Hart Packaging Machinery, l'orge Court, Yateley GUIŹ7RX. Tel: 0252 874702

Fax: 0252 877295 CARTON SEALING MACHINES

Samuel Jones & Co. Ltd. Butterfly Hruse, St. Neots, PEIO HEE Tel: 0480 75351 Tb:: 858031 Fax: 0480 217722 Strapex U.K. Ltd., Holdford Road, Witton, Birmingham B6 7EP. Tel: 021-356 6264 Tlx: 335801 Fax: 021-356 7826

CASE ERECTING. FILL ING CLOSING MACHINES Asal Packaging Systems Ltd. Cheshire SK15 3AR. Tel: 061 338 3711 Fax: 061 303 2642 Slueprint Automation B.V. 3447 GL WOERDEN Tel: +31 34801099 Pax: +31 348021193 Cermex U.K. Ltd., PO Boa 12, Huntingdon, Cambs. PEI8 6EF. Fax: 0480 451520 GBE Lerner-Burgesa Ltd., (A G8E International PLC Fleming Road, Hinckley, Leicestershire LE10 3DU. Tel: 0455 61388 Fax: 0455 618538

Froletick C Kone Ltd., Kanapack Works Amuse Rd Periode, Middlews OperLA fel: (3) (998-44) 4 Hv: 242433

MOTNREL G B4055 Lax: 081-991-9204 Wilson Packaging Syste We about Ind. Lat. Lyhmore Road, Tel: 01 268326 (UK prefix 6551) Th: 92858

CASE ERECTING & PACKAGING MACKINES Advanced Design System

Bigglewade Beds, Stills 8N11.

Tel: 0747 314138

Fax: 0767 315411

Tel: 041 338 3711

Lay: 061 303 2647

Cambe 14:1861:1-

l'av: 0480 451520

Tel: 0480 455919

Cormex D.K. Ltd.,

PC4 Ibix 12,

5G188QU.

Beccles, Suffolk

Tel: 0502 716540

Tel: 0480 455919

Fax: 0480 451520

Tel: 0767 316422

Fax: 0767 318033

Francis Way,

Tel: 0603 74591

Fax: 0603 747519

Contact: Mr Steve Yate

Fillmore Packaging Lrd.,

Norwirk NR5 9JE

Contact: Jason Keable

Systems, Case Handling

Equipmen and Palletis rederick C. Kane Ltd.,

Kanepack Works,

Tel: 081-998 4404

MONREF G B4055

Tlx: 262433

Limper Tapes Ltd., Bond House,

9a George Street, Huntingdon, Cambs, PE186BD

Tel: 0480 459461

Fac 0480 451439

Unit 9, Brunel Gate, West Portway Industrial

Estate, Andover, Hampshire SP10 3SL

Tel: 0264 35751 1

Tls: 477186

Fax: 0264 35596

Pakprint Tapes Ltd., Woodlands,

Tel: 0484 644884/5

Fax: 0484 46009

System Devpak Ltd.

Warrington, Cheshire, WA1 4SF

Tel: 0925 81 5231

Fax: 0925 851167

11 Grosvenor Grange,

Contact: Mr Ken Mellor

13ale Street, Longwood, Huddersfield HD3 4TG.

Padlocker Limited

Soon Case Tapers, Conveyor

Petivale, Middy, UB6 7LA.

Industrial Estate

Stratton Business Park,

Biggleswade, Bedfordshire SGI 8 8QB.

NIU+ 9BP.

Loura Systems L.d., Summit Avenue, Southword, Funborough Unit 16, Eldon Way, Danis, GUH ONY, Tel: 0252 540346 Fax: 0252 513322 MDI. BOEKI-15. Harnfield Industrial Estate. Assi Packaging Synems I til., Tipioni West Midlands Cheshite SK15 3AR Livy on w Tel: 021 557 210 Pay: 021 522 2013 lettler-Toleda Lid 64 Hoston Road, Исанивон Геог Leas LETIAW Tel: (0533) 357070 Telelax: (0533) 3r4;349 Telev: 341029 Endoline Machinery Ltd. Contact: Ray Green/ Stration Business Park, Helen James/Brian Keen Manufacturers of Garver Dynamic Checkweigher Ramsey Process Controls Swift Park, Old Leierster Road,

CHECK-WEIGHING

Dest Inspection Laf.

Link Lorge Road,

Park Laune Yorth,

Tel: 0527 517281

Late 0522 51 2284

Maybrook Road,

Waltall WS8 7DC

Feb 0543 37556c.

4 contact: Mr Abeca

Fax: 0543-375979

Driver Southall,

Th: 338532 WEYPAK

Dnit 18, Maybrook Ind. Day

EQUIPMENT

Reddarh,

Fax: 0767 318033 Contact: Mr Sieve Yates Europaek Engineering Co Rugby, Warwickshire, CV21 1DZ. Common Lane North. Tel: 0788 536960 Tix: 317471 l'ax:0788 536980/ 0788 537899 Tix: 975030 UROPAK C Skerman Prousa 162 Windmill Road West Flexifilling Machines Ltd., Sunbury - on - Thaines Middlesex. TW167HB Tel: 0932 789646 Fax: 0932 761830

M.D.B. Centre. Cronipion Road, Hens. SGI 2EE. Tel: 0438 740321 Contact: David Laschke Tlx: 82169 Antiesu Checkweighers and Fax: 0438742260 metal detectors Focke & Co. (UK) Lid., T. W. Controls Limiter Courtenay Works Unit K Old Road Monunient Way Fast, Mourain, Hyde, Cheshire 5K14 6LG Woking, Surrey GU21 5LV. Tel: 0457 764154 Tel: 048 ) 75409. Fax: 0457 766110

Tlx: 858365 FOPAC G aniato Lock Inspertion Fax: 0483 756099 Systems Limited. CASE SEALING MACKINERY Cermex UK Ltd., PO Box 12, Humingdon, Cambs. PEI8 6EF.

Neville Street, Oldhani, Lancashire OL9 6LF. Tel: 061-624 0333 Fax: 061-624 5181 COLOUR QUALITY MATCHING EQUIPMENT Endoline Machinery Ltd.

MINOLTA If controlling you

colours is a problem talk to the experts Minulta are world leaders for quality control on colour with the Chroma Meters and now colour maidi prediction is available for rain

Call us for details on 0908 - 211211 and ask for Tracey Walker

CMB Engineering. Parta Handling Systems. Worcester WR3 8HX. Tel: 0905 54598 Fax: 0905 754344 CONVEYORS APV Rosista Ltd. Kem NE2+EI Tel: 0634 717888 Arnott Handling Equip.Ltd., Ferro Fields, Brixworth NN6 9UA Tel: 0604 882232

Fax:0604 882270

Dawson-Conver

IP24 3R U.

Tel: 0842 3505

Fax: 0842 3508

Designeru & Mamila

conveyors, xystems &

A Member of The Barry Webiuiller Group),

Stephenson Way, Therford, Norfolk

Lodding Machinery Ltd., Strotton Restrict Park. Jugalan Salar fadhaddir. SCASSION Tel 2262 311.422 Tax 9767 (1804) contact Mr Steve Yare

Herewood Systems Indunisial Spring Valley Potters Wood. d Allians, Herrs ALD 61:N Tel: 0727 836101 Pur 0727 41 793 Contact MJ Hirks Flexiveror Su Unit I, Riverside Ind. Entite, Stafford hare B78 3RW Fel. 0s27 288871 1 av: 0827 250816 Genec Industrial Ltd. Tel: 0786 61 704 71x, 777764 Fac: 0784 70444 Gintridge Services Ltd.,

Hawibom Dank, Spalding, Localuchire PF11-1JF Tel: 0775 72558 Lux: 07/5 710005 Screw Consequences Elevators, Hopper Loaders, Servic Feeders, Special Purpose Materials, I fundling Marryat Autoniation Ltd. The Oxford Business Centre Osney Lane, Oxford OXI ITB Tel: 0865 722005 l'ax: 0865-249629 |

Designers and manufacturers of special conveyor aystems Portec UK Ltd.. Vauxhall Industrial Estate Kusbor, Wrexhan Clwyd LLH 6UY Tel: 0978 820820 ax: 0978 821439 Quality powered belt bends & spirals, plus systems design Robdala Lid. Cherry 5

GUZI ÎEE. Tel: 0483 7.18808 15as: 0483 720626 SKF Automation Sy No.2 Tanners Drive, Blakelands,

Milion Keyne MK14 5BN. Tel: 0908 21022: Fax: 0908 618717 System Devpak Ltd 11 Grosvenor Grange WAL4SE

Tel: 0925 815231 Contart: Mr Ken Mello ınsaornı System Lid. Ashchurch Industrial Estate 'ewkerbury,

GL20 8TD. Fel: 0n8+ 291100 1'ax: 0684 291550 Commer: G. Scort CONVEYOR HANDLING SYSTEMS

APV Roslata Ltd. Strond, Rochester Kent, NE2 4EJ. Tel: 0634 717888 CMB Engin

Partx Handling Systems Billord Road Wonesie WRJ 8HX Tel: 0905 5459: J'ax: 0905 754344 Spring Valley Bus. Centre, Porters Wood, St Alhans, Herts AL3 6EN Tel: 0727 836101 Fax: 0727 41790 Comaci: M J Hirks Marryat Automation Lid, The Oxford Business Centre,

Osney Lane, Oxford,OX1 ITB Tel: 0865 7220 Fax: 08/15 249629 Designers and manufacturers of special conveyor systems aince 1907 Ornie LIK. King John House, Kingsclere Park, Kingselere, Newbury, Berkhire RG15 85W. Tel: 0635 298171 Fax: 0635 297936

Portee UK Ltd., Unit 3, Lightning Way Alvechurch Road, West Heath Birmingham B) | 3PH Tel: 021 477 0456 Fax: 021 476 1311

Quality powered belt beds and spirals plus systems design capability

PACKAGING NEWS/MARCH 1994

Tlx: 47670

Turopick Lagues ring Co.

Common Law Morth,

Halofstatt Richard

F.T.H. Fordertechnik U.K.

Law 1532 719814

Charworth House

Data DL21 258

T. J. 0332 w??#88

Liv. 3332179308

Ho-Mech Packaging

Machinery Limited

41 Marate Road

առութ. 1452 **ո**ՄԻ

Tal: 0733 218571

Part 9733 120256

Range androles sami-

annonias to bully amount

o o huser. Paller ee Roll

Iducius storb la bilare

luacist tida

Wrappers all with option

Leafield Estate, Conshain,

Also high quality streichtilme

and plain & primed rapes.

Kurt Lachenmeir (UK) Ltd.

Wilddire, SN1398W

Tid: 0275 812200

Los: 0225 x12281

Itelmayne House

Shellield \$10.21, N

1-ax: 0742 663627

Limpet Tapes Ltd.

24 Gonge Street,

Fax: 0480 451439

Moncon JUKI Lid.

Tel: 0924 277070

Fax: 6924 27568t

Managing Director.

Wakefield Coronercial Parl

Contsett Jukka Tamminer

Crimplete range of semi &

fully amomatic paller strete

Hudge Road, Horbury Wahefield WT4 5NW

Cambs. Pl-18 68D

Bond House,

Persolutioneli

l liteat.

Raymay Way

Prime Business Centre

diam'r.

Limiteda

CORNAMINE

Mr Robert Freeman Stork Curiveyor Systems b.v. Ranking Ruad. Francshill Ind. Fat. Basingstake RG24 0PH Tel: 0256 810861/2 liax: 0256 810863

#### CONVEYORS STAINLESS STEEL.

Cose Systems Ltd., 19/21 Cobliam Road Feendown Industrial Estat Ferndown, Dorset BH21 7PB Tel: 0202 891863 Fax: 0202 871543 Designed and manufacturers of special conveyor systems.

Easyflo100 MOBILE SCREW ELEVATOR WITH LOADING HOPPER ■ For peliets, flobers, powdere



CORE CUTTING MACHINERY



Eberle France. 2 Avenue de l'Energie F-67800 Bischheim Tel: 133) 88 33 60 25 Fax: (33) 88 62 36 40 'llx: EF 870 254F Contact B Voinier Are. Managet (Cutting M/C Intented board or plastic tubes) DE-PALLETISERS APV Rosista Ltd. Commissioners Rose Streed, Rochestet, Kent NE2 4EJ. Tel: 0634 717888 Flo-rnech Packogln Machinery Limite 41 Manasty Road Orton, Southgate Peterborough, Cambs, PE26UP Tel: 0733 238271 Fax: 0733 370256

Complete range of pallet, cas drum, can & bottle de palletisers together with astociated handling Marryet Automation Ltd., The Oxford Business Centre Osney Lane, Oxford, OXI ITB

Fax: 0865 249629 Designers, Manufacturers and Parent Holders of inexpensi low level glass depaller King John House Kingselere Park, Kingselere, Tel: 0635 29817

DIE CUTTING Howkes Technical Ltd. Spencer Parade, Stanwie Northants, NN19 6QJ. Tel: 0933 622492 Tlx: 311974 Pax: 0933 624092

#### DIVISION INSERTING

Tel: 061 320 5711

Contact: R Givrus

GBE Lerner-Burgess Ltd., (A GBE International ple Company) Fleming Road, Hinckley, Leicestershire LE10 3DU. Fax: 0455 618538 T.G. Martin & Co Ltd ton Crescent Oldham Street Manchester M34 3RB

Transgova, 5 Ninfield Chav. Carlon Colcilla Lowestoft, Suffal NR33 851). Tel: 0502 58661-Tax: 0502 568800

#### FILLING LINES OIL/DETERGENT

Ocme UK, King John House Kingsclere Park, Berks, RG15 8SW Tel: 0635 298171 Fax: 0635 297936

#### FILLING MAGHINERY

Neutech Filling Systems Edward Street, Darlington Co. Durham, DLI 2UP Contact: Mr. M. Tichen Telephone/Fax: 032 5 364245

#### **FILLING & CAPPING** MACHINES

Electronic Liquid Fillers U.K. Limited. Unit 5. Pullman Trading Estate, Station Boad, Uppingham, Leicester L1:15 9TX. Tel: 0572 821440 Fax: 0572 821550 Texifilling Machines Ltd. MDB Centre, Crompton Road,

Stevenage, Herrs, SGI 2EE. Tel: 0438 740321 Fax: 0438 742260 Masterfil I.td., 17 Farmbrough Close, Siocklake, Aylesbury, Tel: 0296 25001 Fax: 0296 25002 TIx: 83246 MASFIL G Contact: Brian Poripha Volumetric & Weigh Filling & Capping Machines Petzold & Company.,

51 The Malt, London W5 3TA Tel: 081-567 9920 Fax: 081-840 6701 Contact: Nick Petzold AWEMA rigid contsiner illing and capping machines for dry goods neumatec Filling Systems Limiteri. Unit 1/4. Cartick Court, Forest Grove Business Park.

capping & bonle unscrambling mackines.

Universal Filling Machine Co.,

Feans XL International Ltd.

South Marston, Swindon

Wiltshire SN3 +TA.

FLAT BED DYECUTTERS &

Censral Engineering Works

Tel: 0793 827666

**ROLLER PRESSES** 

U-Peck Manufaci

Lydbrook, Glos. GL 17 4ND

Tel: 0594 861141

Tb: 14872

Tel: 0203 470074

Fax: 0203 471190

Kingsnorth, Ashford, Kent TN23 3JE.

Tel: 0233 643666

Fax: 0233 634431

FILM EXTAUSION

Pound Lane.

Tly: 965604

EQUIPMENT

Middlesborough, Cleveland TS2 1QE. Ashby Road. Tel/Pax: 0642 225719 Propack Automation Marhinery Ltd., Binns Close, Torrington Avenue Coventry CV4 9TB For RONCHI Filling

#### HEATING ELEMENTS CARTRIOGE PLATE TUBULAR OR BANG. THERMOCOUPLES

Elmarse (Cardiff) Ltd., Wentloog Road Tel: 0222 778727 Tix: 497448 Fax: 0222 792293 Hedin Ltd. 4 Reven Road South Woodfor London El 8 IH Tel: 081-504 6601 Tlx: 897967 Pax: 081-505 3411

EOUPMENT Adpak Moeh inery Systems, Unit 5, Healey Wood Ind. Estate. Tel: 0282 831842 Th: 63300 BURCOM G Fax: 0282 59513 Astrapae (Midlands) Ltd. Mount Road Bumtwood, Walsall, West Midlands WS7 0AJ. Tel: 05436 77262 Fax: 05436 72718

Pax: 0594 861266 FLOW WRAPPINE Machinery **ADPAK** 

No.1 for Lancs. BB115TY. Tel: 0282 831733 Fax: 0282 23403 Doboy Division.

Regional Office 21 Drake Messy Crownfull, Milion Kernes Tel: 0908.261882 Fax: 0008-261887. and Place Wrapping Machin Respoke applications and full technical support

Hulme-Martin Ltd., 317 Guildford Road Woking Surrey GU24 9BB Fax: 0483 486343 (Manufacturers of Hulme Marrin & Tavak Machinesi

Nuthall Road,

Bobbersmill.

NIGR SAS

Tel: 0602 794511/2991x3

The 37605 COMIND G

Newlong Holland BV

CAPRONILAAN IO

Tel: + 31 t01 20 6532350

Fax: +31 (0) 20 6532416

Portsdown Engineering &

Posibus 75172

Marine Sales

Graphic House,

Castle Street,

Pon chester, Farelian

Th: 86293 PREPAK G

(For company details see entr

Machines High Prequency)

The Thomes Packaging

Equipment Company Saxon 'Hot Alr' Scalera

Senate House, Tyssen Street, Dalston, Londun E8 2ND.

Telex: 22776 SENATE G

rempack Mochinery Lid.,

Ruddington Late, Wilford, Nottingham NG11 7UP,

HEAT SEALING & WELDING

Unit 25, Nottingham South

Tel: 071-254 7132

Fax: 071-241 0559

Wilford Ind. Est.

Tel: 0602 872622

Fax: 0602 825221

MACHINES (HIGH

High Frequency Developments Ltd.,

326 Molescy Road,

Walton-on-Thames

5urrey KT12 3RW, Tel: 0932 224135

Fax: 0932 246152

Shakespeare Street, Watford,

Herts. WD2 5HD.

Tel: 0973 241231/2

Staneko Producta Ltd.

Eartleigh, Hampshire SO5 7DP

Wokingliam, Berkshire. Tel: 0734 783333

Fax: 0923 241 233

Dumpets Drove, Horton Heath,

Tel: 0703 602200

Fax: 0703 602233

Tlx: 47670

MACHINES

Radyne Ltd.,

Tlx: 848367

Fax: 0734 771729

HIGH SPEED FILM

Fax: 0455 618538

Tix: 940 12404 RLCO G

Releo UK LId.

FREOVENCY)

Hersham

under Heat Sealing and Weldin

Hanss PO16 9PS.

Tel: 0705 377930

Fax: 0705 210715

Reko UK Lid.,

117 25 Schipol

oliniton Lightning Filler Co Unit K, Prest of Trading Estate. Oliver Lyme Road, rescoi, L34 25H. Tel: 051-430 0900 Millpak Slirinkwrap Systemt

ORIZONTAL/VERTICAL FORM FILL SEAL MACHINES Euro-Pharma Led., The Brows, Farnham Road, Liss, Hampshire GU33 6JG Tel: 0730 895252 1'ax: 0730 894856

Kisters Ltd.,

37 Walker Koad

Monh Moors Mos

Fax: 0527 595727

HOTFOIL OVERPRINTING SYSTEMS Nautilus Engineering Developments, New Mills, Modbu South Devou Pt 21 OTP Tel: 0548 830040 Fax: 0548 830836

Contart: Keith Stott HOT MELT ADHERIVES

APPLICATORS MRH Adhesive Applleation Systems Ltd, Unit 80 Laurence Leyland Ind. Est. In hingborough Ruad Wellingborough Nonhaus NN8 IRA Tel: 0933 273639 Fax: 0933 271414 Contact: Mr Martin Harries Wenman Koad,

24-28 Cawleage Koad,

Kingston-on-Thames, Surrey KT2 6DZ, Tel: 081-546 8672

Packit Equipment Limited, Packit House,

Strations Walk

l'sx: 0225 709757

128 Pritchett Stree

Tel: 021 359 3924

Fax: 021 333 4140

Robatech U.K. Ltd.

Contact: Ray Da

Packin House, Stranons Walk,

Tel: 0225 707221

Tlx: 449752 Chacom (

(Packin) System Devpak Ltd.

Warrington, Cheshire, WAI 4SF

Tel: 0925 815231

II Groavenor Grange,

Contact: Mr Ken Mello

Unit D8, Road 7.

Horonwood Ind Est., Telford, Shropshire

TFI 4GP

AACHINES

Fax: 051 931 5404

INOUSTRIAL CAMS

Zephyr Cams Ltd No I Tower Road

Estate Loweston Suffolk NR33 7ND

Tel: 0502 563221

Fax: 0502 516054

Contset: J Rickarby or J Manin Cam manulacturet for

packaging, converting, glass, plastics and printing industric

South Lowestofi Industria

Tel: 0952 677911

P. E. Heated Hose

Asion, Birmingham B6 4EH

Melksham, Wiltshire Tel: 0225 707227

MK 42 7PW Thanie, Oxfordshire OX9 3XB. Tel: 0214 843345 Fax: 0234 843390 Tcl: 084421 3171 Fsx: 084421 5358 World leaders in hor melt and cold adhesive application equipment ackaging Equipment,

Ai Cambridge Ltd., London Road. Pampisford, Cambridge CB2 41-6, Tel: 0223 834420 15.1x: 0223 x35050 Amsterdsm Read. Sutton Fields Ind. Est. Hull Hills oxid Tel: 0482 879641 15ax: 0482 830112

IL SEALING MACHINES

Norwich NR5 9JE. Tel: 0603 745911 Fax: 0603 747519 Contact: Jason Keable Exclusive Suppliers of Roboshrink Combined I Sealers and Shrink Tunnels Lawco-Kalllost Regional Office 21 Draket Mews, Crownhill, Tel: 0908 261882 l'ax: 0908 261887

Milton Keynes, Buekinghamshire MK8 OF R. A full range of Shrinkwrapping and How Wrapping Machinery. Bespoke applications and Full Technical Support. LABEL APPLICATURS

Fax: 0952 677945 Contact: Mr Bob Taylor (AUTOMATIC) Incorporating The moje A.C.L. N-CUP POWDER FILLING 24 Partridge Piere, Crapfield, Bods, MR43 OBP. Tel: 0234 750591 A. Parsons & Co., (Liverpool) Fax: 0234 75059 suppliers of "GETIK 97" Holden Road, range of s/a applicators & Waterloo, Liverpool L72 6QF Tel: 051-924 8685

**PAGO** Labelling Machines Labelling Systems Special Application Tampar Evideni Thermal Print & Apply Thermal Transfer Print & Label Converting

Contact Poler Roman at: 7 Crown Gate 8 Severalla Industriat Park Chichester CO4 4HT Tel: 0208 854998 Fax: 0208 854939

Precision Labelling Systems I td. INDUCTION HEAT SEALING Leening Bar Industrial Estate Leening Bar, Northallerian

N. Yorkshire DL79DQ.

Tel: 067? 423513/4

LABELLING MACHINES

Flectronic Liquid Fillers - U.K.

Hon 5, Pullman Trading Est.

Contact: Tim Dayles at: DETRON

Fax: 0577 423458

I հետություն

cus Hits TX

Tel: 0572 821440

Fax: 0572 821550

Alilbrandt Systems (UK) of Edison Road Avlesbury Buckingham Tel: 024 43204 Fax: 02% 432048 Contact: Mr R. Hall systems for all packaging applications.

LABEL DISPENSERS, LABEL MAKING MACHINES & COUNTER ROLL HOLDERS Ascont Better Pochagea Ltd

Unit 49 Vietoria Trade Park Victoria Road Danford, Kem, DAI 5AJ Tel: 0322 227661 Fax: 0322 288040 INH JET CODERS Fins-Co, Europe, Works Road.

DETHON
3 Prince Bupert House
Cavalier Court, Burgiers Farm,
Chippenham SN14 6LH
Tel: 0248 444685 Fac: 0249 44392 Gill Lerner-Burgen Lid, (A GISE International PLC Company), Henring Road, Hinckley, LEIG JDU. Tel: 0455 613888 Fax: 0455 618538

Labelling Machines.

limage House, Lighthou Spec

lmaje UK Ltd.,

CH12 3AD.

Hoode, Chester

Tel: 0.144 350232

Lax: 0.244 350737

tental and servicing

Multivae UK 1 td.

Abiltisac House,

Rivernical Prive

Tel: 0791-616416

1555: 0793-616519

PPM Divisions

Labelling Ltd.,

Henrywal Faste

Tel: 0233 629161

Fax: 0533 639560

The Flor Press

Humington Ro

York Yett 9118.

Tel: 01104 659224

I-ax: 0924 644888

P.O. Hox 26,

Walsalt WSI 3OL

Tel: 0922 721102

Fax: 0922 721921

Bed . MK43 0Bl

Tel: 0234 750541

1-ax: 0214 750571

Lundon: 071-607 623

Midlands: 021-355 5667

Walsall Labelling Systems.

24 Pannidge Piece, Cranfeld

William Session Ltd.

Swindon, SNS 7UY.

Contact: Mark Webb. Sole distribute of Mil

semi/luffr antomatic sel

Ci.F. I. Filling Capping &

adlarave labelling systems

Ashford, Kett 'IN481'S.

D1.78UA. Tel: 0xG9 780333 Ta: 58261 Fax: 0601780423 Weldon South Industria Estate, Corby, Northaus NN188AO. Hollands Road, Tel: 0536 400777 Lacerbill, Sollolk CIP SPR Fax: 0536-400888 Tel: OHO assue LABELLING MACHINERY/ 1-35: 0440 706834 Europe's No. 1 selling range **SEMI-AUTOMATIC** of semi & fully autopute

Forum Engineering Services Bonibay St. Southwark Park Rd, SEIG 3UY. Tel: 071-237 4627 Fax: 071-237 4629 ontsett Mr B W Myerscough (Reconditioned Peters) Purdy Labellers available together with comprehe

Europo's No 1. salling range

of somi and lully automatic

tabelling machines

For details of the festest selling an

most complehensive range of sell

HERMA Labelling Systems The Hylanda Centre, Holanda Read Havarhal, Sulfelir CB9 APP. Tel (0440) 63388 Faz (0440) 708834

INTERNATIONAL LTD.

Newman Labelling Machine

LDGDPAK

York YO3 8XF

Tel: 0404 692333

Fax: 0904 690728

Queens Road,

Barnet, Hens. EN5 4DL.

Tel: 081-440 0044

Fax: 081-449 2890

Managing Director

Sparkprint, Darlington Rd, Northallerton,

N. Yorkthire

Consect Mr John Clayton

LABELLING SYSTEMS Bar Code Systems Lid. Nikon House, 380 Richmond Road, Surrey KT2 5PR. Tel: TOLL FREE Tel: 081-549 0909 Fax: 081-549 010

Contart Neil Keighley 1947011 Coviect Tim Daviss at DETRON S Prince Rupert House Cayater Court, Bumpers Farm, Chippenham SN14 8LH Tel: 0249 444685 Fax: 0249 443832

Industrial Computer System PO Box 8, Farnham Surrey GU103RX Tel-0252 734333 Fax: 0252711330 Contact: Andrew Widgery Suppliers of labelling software, Pe's, laser and

thermal printers and labels **MARKPOINT** 

INK JET CODERS LABELLING SYSTEMS THE TOTAL SOLUTION Ouality Works, Rochdels Ro Todmorden Road, Todmorden Lancashira OL14 7NA Tet: 070B B19911 Fax: 0706 819911

LOGOPAK INTERNATIONAL LTD., York YO3 8XF. Tel: 0904 692333 Fax: 0904 690728 Weyfringe Ltd., Longbeck Road, Marske, Redear, Cleveland T511 6HQ Tel: (0642) 490121 Fax: (0642) 490385

Contact: Mr A.H. Glegho LEAKAGE DETECTION Al Cambridge Ltd., London Road. Pampisford, Cambridge C82 4EF. Tel: 0223 834420 Tx: 817536

·Dar Dar OS ABBIRRIOS TO COMPTO O TE LINX 2 Cornbrash Park,

Bumpert Way, Chippenham Wilishire SN1+6RA. Tel: 0249 44588 Technologies ple Fax: 0249 446624 nutingdon Landa PPT: 111 LEVEL CONTROLS

Swift Park, Dld Leicester Road, Rugby, Warwickshire, CV21 11)7. Tel: 0788 536960 Fax:0788 536980/0788 537899 Production Handling Systems,

LINE FEEDING EQUIPMENT

Tel: 078r. ii 1704 Part 0286 20149

METALWORKING MACHINERY

Wetherby West Yorkshire LS22 +DN Tel: 0937 581461 15ax: 0937 584483

MANUFACTURERS OF IMPULSE CONSTANT HEAT. PNEDMATIC

Star Universal | Gospott) Ltd., Unit Two, Clarence Wharf Ind. Estate. Mumby Road, Tel: 0705 582857 Fax: 0705 511731

MARKING & CODING

Alpha Dot Ltd., Unit 3, Hollont Down Road, Lopeombe, Salisbury, Wiles Tel: 0264 78198 Tlx: 477407 Fax: 0264 78201

Fas-Co Coden Ltd

Openshaw House Birds Hill

Tel: 0462 483555

Hull HU7 OYE.

Tel: 0482 831154

Fax: 0482 825552.

matrix coder.

Systems.

Laser Coding Syste

Pax: 051 227 5900

A pioneer of ink- jet in the

U.K. Lawco Coding and

Marking Systems pro

of advice, machinery,

coding and merking

Hull Operations Gothenberg Way Sumon Fielda Industrial Estate

Lumanics Ltd.,

Cap Coder Ltd., Unit 42, Monument Farm Ind. Park, Chalgrove, Oxon. OX14 7 RW. Pax: 0865 891 292

Domino Domino UK Limited Leaders in ink Jet Printing

Adeojet Systems International, Adeojet House, 155 Dixons HB Road, Weiham Creen, Hatfield, Herts, ALS 7JE, England, Tel: 6707 275844, Int. 44 707 275844, Rax: 0707 275893

Bar Hill Cembridge CB3 8TU Tel: Crafts Hib (0954) 78 Talax: 818784 Domjet G Fac 0954 782874 Contect Mi Kan Russell Internal Bates Menager Surrey KT1471X.

> Fax: 09323 5451 Weylringe Ltd., Longbeck Road, Marske, Redear, Tel: (0642) 490121 Pax: (0642) 490385 Contact: Mr A.H. Glegthom Willets

Weldon South Ind. Esr., Nonhanis, NN18 8AQ. Tel: 0536 400777 Fax: 0536 400888 Mercrials testing equipmen Lloyd Instruments Ltd.,

Lawco Coding and Marking Wlunle Avenue Lawco House, Vauxhall Road, Liverpool L69 3AU. Tct: 051 227 1212 Segensworth West Fareham, Hanis, POIS 55H. Tel: 0489 574221 Fax: 0489 885118 Tlx: 477042 Contact: Suzatine Sharpe Leading manufacturers of test equipment for tensile, compression, adhesive tack customers with a total package cosumables and support for testing, icai/neel testing, crush and carton erection resting cic

MEDICAL DISPOSABLE PACKAGING MACHINERY

Linx Printing

Burrel Board, St. Ive

Tel. 0180 102100

Fac: HIRI to 116

range of lisk Jet Printer - to product and open coling

Contact Dhos Griffig

Buskingham Bd Ind Lyane

Northanis NN13 5AL

Tel: 0280 705488

Fax: 0280 700133

Mark-o-Print Ltd.,

Gr. West Road

TWR 9EEL.

Harlequin Avenue.

Brentford, Middleses

Tel: 081-560 2224

Fax: 081-540 8774

Merronic System Lul,

Don't, Lauch Street.

Tel: 061-745 9672

Fax: 061-745 9673

Bucks, 141'22 5 B1.

Tel: 02"46 6 14300

Fax: 0246 614500

Tlx: 837 347 OFS O

Silford Enterprise Centre Silford M5 2f W.

Th: 666889 MI-15VS

Overprint Packaging Sales

The Triangle Business Park,

Manufacturers of Coding &

Marking Machines; Inkjet

Special purpose machines

Wett Portway Ind. Est.,

Antover, Hampshire 5010 ISL.

Tel: 0264 357511

1-ax: 0264 355464

Presion Florise.

Petwinh Kood,

Maslemere, Surre

Fax: 0428 654769

Tel: 0428 654941/

Presion Printers Ltd.,

Tls: +77184

Tetra Lical Concenience Local Justi langs Pala Buck Military Tall COURTMEAN Fig. 28(8)(199) Multicae UK Ltd. Multiple House

Rivermaad, Swindon SN5 7D'r. Tel armi apata Th. 444955 Fast 6793 (d) 215 METAL DETECTORS Hitech Electro Controls Ltd., Dolphor Way. Shorehant-be-son, West Sugar BN43 6NZ. Tel: 0273 454511

Ture 0273 454421 The 87406 Hitech to Contact: My John Ctabley Sales & Marketing Director Louia Systems Ltd., Summit Accuste. Southwood, Fathbatongl Hans, GUHON'I Tel: 0352 540446 Fac. 0252 513322 MDI. Bockels, Bombeld Industrial Lyan Tiptoli. West Midlandi 147430 JW Tel: 0/1 557 2104 Fac: 021 522 2013 Ranisey Process Controls

Swill Park, Old Leisester Bright, Hugby, Warwickshire, CV21 (LtZ. Tel: 0788 536960 12:07K8 5369KO

0788 53789 Seleline Limited, 510 Maniford Com Monthin Street Salford M5 25N "Tel: 0+1-848 8636 FAX: 061-848 8545 Contact: Keith Ive Yamato Lock Inspection Systems Limited. Neville Street, Oldlan Lancashire OL9 6LF. Tel: 061-624 0333 1 ax: 061-624 5181

MOTURS, GEARMOTURS AND ELECTRONIC CONTROLS

COMPANY . Small motors, AC and DC. · Parallel shaft an

1117 ZS Schipho The Notherlands Tel: +31 (0) 20 6532350 Portee Systems Empineering and gearmotors.
 Speed/torque contra Unit 3, Lightning Way, Alveehurch Road, West Ask for free cate/ocu Birmingham, 831 3PH

P.O. Box 205, Hartley Win Besingstoke, Herrie R027 8X0 Tall and Fest 9252 84 4888. 7'cl: 02 i 477 0456 Fax: 021 476 1311 Quality powered belt bends MULTI-HEAD WEIGHING and spire design capability

Jultipond Ltd High Wycombe Bucks HP137AL Tel: 0494 452121 Pax: 0494 443354 Contact: Geoff Tandy Manufacturers of Multihead/Linear Weigher

and Feeding & Distribution systems. Yomoto Lock Inspection Syctema Ltd., Neville Street, Oldhan Laurashire OL96LF. Tel: 061-624 0333 Fax: 061-624 5181 Manufacturers of Multiliead/Linear weighers and Feeding and Distribution

Scree UK Umited Unit 12, Ardgion Ind. B Whitchurch, Hante, RG2

Fax: 0480 45 1520 8SL Packaging Sandylands OVERWIRAPPINE MACHINES Alpmo GB Ltd., 19 Lister Road Indumrial Est. Huddersfield FIP4 7JH Basingstoke RG22 4DQ Tel: 0256 467177 Tel: 0484 661365 Fax: 0484 662616 Pax: 0256 842917. Cermex UK LTD., Alpma and Aucuururi PO Box 12, Huoringdo machinea, complete lines with quality packaging solutions. Marden Edwords & Company, Cambs, PE186EF Tel: 0480455919 Fax: 0480451520 l'emdown Industrial Estase, Daπ Conveyor UK

PO Box 30 Mortimer, Reading Berks. RG7 3YB. Tel: 0734 835448 Fax: 0734 835520 Maoufoctures of complete range of pallet loading & conveying equipment, palleti serapack elevators pallet testing equipment for all types of product and covering complete turn key' operation for all types of industry and production line apeeds.

PACK RESERVOIRS

Joske & Cettle Historia Continua Works. Monument Very Lev A colonia, Surrece 6001 SLY [v] 9481756294 Hyssans Frehau G Late (483,75) (20)

PAD PRINTING EQVIPMENT FOR BOTTLES, CONTAINERS, CIASURFS

Jampo Supplies Led 26-28 Limin . Boarl, Teddington, Mulds TWILES Tel: 081-943-0011 Fax: 081-977 51M Control: N Colorar Agents for Kent pad printer automatic, plastic/metal/glas

PALLETISERS/ROBOTS Antirac Turkington Lie Promose Mill

Mancon (UK) Lið. Wakehold Commorcial Park Bridge Road, Horlany Fel: 0282 415 174 Steeringe, Hens. St of 21(1). Tel. 0438740321

Tb: 82169 1 ax: 0438 742260 Forke & Co [UK) Ltd., Countenay Works, Michigan Way Past Woking, Surrey GU21 51.Y. Tel: 0483 756094 Tls: 858365 FOPAC G Fax: 0483 756099 F.T.H. Foerderrechnik U.K Clusswork I louse,

Tel: 0865 722005

Fax: 0865 249629

Designers, Manufacturers and Patent Holders of single and

multi-line robotic psiletisers

ls plus sysiems

Stork Conveyor Systems b.v.

Daneshill Industrial Estate

Hampshire RG24 01'H

Commissioners Road, S

Rochester, Kent NE2 4EJ.

PO Box 12, Hunringdon

6 Friaday Court,

Rankling Rosal

Tel: 0256810861

Fax: 0256 810863

APV Rosista Lid.,

Tel: 0634 717888

Tel: 0480 45519

Cermey U.K. Ltd.

Camba. PE188TA.

PALLETISERS.

Newlong Hulland BV

Postbus 75172

CAPRONILAAN 10

Prime Business Centre Raynes Way Deiby DE21 75R Tel: 0332 672888 Pax: 0321674888 Morryat Automation Lid The Oxford Business Centre Osney Lane, Oxford OX LITB

lis v: 0933 226000 Newter U.K. Ltd., Unit 4 Great West Trading Centre, Grest West Road Brentlord, Midda 'TW's 9DN Tel: 081-758 9000 Fax Nos: 081-847 3613/0877 Comacı: Me John D. Lillie, General Sales Manager

King John Flouse Kinguelere Park, Kingsele Newbury, Berks, RG15 85W

Tel: 0635 298171

Tel: 0484 661365

Fax: 0484 662616

Pallet Bulk & Sleev

Chaisworth House,

Derby DE21 75R

Tel: 0332 672888

Fax: 0322 67988

Belinavne House

Tel; 0742 664352

Fax: 0742 663627

Newtec U.K. Ltd.

PALLET STRETCH-

Actua UK Ltd

Cleckbear

W. Yorks. BD19 4DW.

packaging machinery."

Automatic stretch wrapping

Tel: 0274 861220

1.imhed.,

Raynea Way.

Prime Business Centre,

Kurt Lachenmeier (U.K.)

99 Clarkelrouse Road Shelfield \$10.21.N.

Great West Teading Centre,

Great West Road, Brentford, Middx TW8 9DN

BSL Pockaging, Sandylands, Netherton, Huddersfield HP47]} l. TW8 9DI

Great West Road, Breniford, Middx Tel: 081-758 9000 Teles: 935560 Contact: Mr John D. Lillie, Pakscal Induaries Ltd.

Cordwallis Estate, Maidenbead. Berks, 5L67DB Tel: 0628 26381 TTx: 847022 Pax: 0628 781289

Devision Road Cleckheaton West Yorkshire BD1958Q Tel: 0274 862616 Fax: 0274 851020

PHOTO-ELECTRIC LIGHTBARRIERS AND

Fax Nos: 081-847 3613/0877 Contact: Mr John D. Lillie. Tis: 517700

Tel: 0742 442424 Fax: 0742 434312 Visolux Ltd., 28 Chilmo Industrial Estate, Cambridge CB1 4BW.

Tlx: 81434 Parpak Packaging Ltd., Upin 11, Hilltide Works,

PHOTO-ELECTRIC SAFETY LIGHT BARRIERS

Caiden House, Canal Road, Timperley, Cheshire WAI+ ITD. Tel: 061-976-3636 Pax: 061-969 9850

Pax: 0223 835050

Tel: 0865 72200

Flowrapping Machinery Shrinkwrapping Machin All Shrink Films Slockists of CRYOVAC'

Shrink Films

Tel: 0282-619200

Fax: 0282-612201

Lawco- Kallfass Bucking Kanishire MK8 UER A full range of Shrinkwrapping

FOIL SEALING EQUIPMENT Stanelco Products Limited Dumpers Drive, Horson Fleath liastleigh

5O5 7()P Tel: 0703 602200 Fax: 0703 602233 Telex: +76*7*0 Contact : Mr S Hinchliffe

#### FOOD WRAPPING MACHINERY

Burnley Packoging Machinery Limited, Farrington Plane, Rossendale Road Ind. Est., Burnley, Lanes, PB11 5TY, Tel: 0282 831733 Tlx: 635627 BPM G Fax: 0282 23403

#### FORM FILL SEAL MACHINES Tetra Loval Convenience Food

Limited, Interchange Park 8ucks M K In 915 Tel: 0908 6 66699 Fax: 0908 617990 Autoblitt 2000 Ltd., 19 Wallis Way, Pool Dorsei BHI53SS Tel: 0202 666055 Fax: 0202 66589-Illig UK Limited,

Salacen Industrial Area Mark Road, Hemel Henipstead, l4ecıs. M P2 ŻB I. Tel: 0442 212533 Tlx: 82421 (iliguk) Fax: 0442 219524 Petzold & Company 51 The Mall. ondon W5 3TA Tel: 081-567 9920 Fax: 081-840 6701 Compet: Nick Perzold

FAWLMA special purpose for powders with top-up and Soudal Ltd., Unit 5, Enterprise House, Leits, LE6 2LA Tel: 0530 510502

#### Tlx: 341167 PAKSOU G Fax: 0530 510970

# HEAT SEALING MACHINES!

Burnley Pockaging Machinery Limited. Parrington Place, Rossendale Road Iod. Estate,

Wrapping & Shrini WRAPPING EDDIPANENT Europack Engineering Co. Ltd. Common Line North, Sulfolk NR34 9BP. Tel: 0502 716540 Tlx: 975030 Uropak G Fax: 0502 716814 GBE Lerner-Burgess Ltd. SIG Packaging Technology (UK) Ltd., (A GBE International PLC Company), Plenning Road, Hinckley, Leirestershire LE10 3DU. Melcor Centu Manstield Road Derby DE21 4SY Tel: 0332 626262 Tel: 0455 613888

# DRINGL

Kalllass Packaging Machinery Crownhill, Milron Keynes Buckinghamshue AIK80FR. Tel: 0408 26 1882 Fax: 0908-261887 Manutacturers of reliable manual, semi- and fullyautomatic shrinkwrapping as well as may packaging system and ranouing machines.

32 Walkers Road

North Moores Aloat Redditch B98 91 JEC Tel: 0527 595745 Fax: 0527 595727 HIGH SPEED INLINE TRAY DRIMING & LOADING MACHINES

Redditch Worce, 898 9HD.

Letchworth. SG6 IPE Tel: 0462 483555 Fax: 0462 674357 Our Bud-Jer Coders will tak the sirsin off your budget.

INK JET PRINTERS Cueprint Ltd., Gestee Industrial Ltd Compton Place, Surrey Acenue, Stirling. Tel: 078a 61704 Comberley, Tlx: 777764 Fax: 0786 70449 GUI5 (DX. Herma Labelling Systems

'l'el; 0276 641*7*30 Couract; Mr T Coleman Iniaje UK Lul. huaje House, Lightfoor Street Hoole, Chester CHL3ALL Tel: 0244 350732 Fax: 0244-350737 Ink jet cooling systems for sale

rental and servicing. IN PROCESS GAUGING Integral Vision Ltd. Unit 12, Kailton Ro Wohum Road Ind. Fst Kempston, Hedfant, Cumact: Perer Ram (Machine Vision Specialise

INSPECTION EQUIPMENT Electronic Automation Ltd.,

'Ils: 592592 Ref: EAL147

Fillmore Packaging Ltd., Francis Way, Bowtherpe Industrial Estate,

LABELLING MACHINERY/AUTOMATIC

Suppliers of s/a applicators & range of label prin Avery Dennison, Washurn Green High Wycomb Bucks. HITO OPE. Tel: 0628 859500 Fex: 0628 859599 Contact: N. Donaldso Harland Machine System

> I ledgehing House, 2 Michigan Avenue. Broadway, Salford, Greater Manchette Tel: C61 848 C622 1-4x: C61 872 1547 Contact: Mr D Dunlessy. PAGES
>
> PAGES

Ramsey Process Controls Ltd., Mainglade Ltd. I Barrington Coun, Ward Road

Unit 10, Pace Units, Stephynicat Road, Gorse Lane Ind. Estate, Clacton on Sea, Essex COIS 4XA. Tel: 0255 427458 T7x: 265871 Fax: 0255 221119

Gestec Industrial 1 td.

MACHINE TOOLS & SHEET

If Rell (Machine Tools) Ltd Sandbeck Industrial Estate

roller coding: Hot ink coding: Carton & label printing & Padlocker Ltd. Unit 9, Brunel Gste

Contact: R 1 Allen

Contact: John Kimbe Relafix Ltd., Harlequin Avenue, Gr. West Read, Brentford Middleses TW8 9E.H. Tel; 081-560 2224 Rethink Services,

New & reconditioned ink in printers, label print apply systems, at a price to suit Tel: Paul on 0536 723018 o 0433 621361

WORLD'S LARGES CODING COMPANY /IDEO JE INIGIET&LASER

> Souven Marking Machine Canada Road, Byflect, Tel: 09323 55191 Tlx: 291671

> > Dorset BH21 7PD, Tel: 0202 861200 Tix: 41202 Fax: 0202 861400

Recorded Proce

Martin Street

BIMO ISH Page 0283 454893 Hexifilling Machines Ltd., M D.B. t entire Crompton Road

Trl: 0865 722005 Fax: 0865 249629 Designers, Manufacturers and Pajent holders of low level Meco Iwema litda 4 Choema Court Everiu Close, Dennington Estate, Wellingbosough, Northants NN82QL Tel: 0933 274141

Ocme UK.

L.L.H. Logakur, dock U.K.

Limital.

Characonfellos.

Dodg 14.21 338

141 (332)/2388

Lay, 5322-629-68.

Machinery I of

Ho-Mach Paskaging

41 Manuae Road,

mala PLE GUR

Feb 0733 234271

Fast 6233 376256

dium, can and boule

Palletivers together with

GHI. Lerner Burgers Lad.,

(ACBE International Ple

Henring Food, Huckley,

Leicestershire I I 10 3DU

Complete range of pullet, e.g.,

as a grated bradling equipment

Comm Southgate

Pyreds arough

Company).

Tel. 0455 at 3888

Page Q455 618538

Wakeheld WL45NW

Contact: linkly Tananouse

lugs, crairs, cans, jurs etc.

display pullengers which

sallers for supermarkers.

Macryal Automation Lad

Osney Lane, Oxford OX1 1TB

orms point of sale director

The Oxford Business Cemi

Range also im ludes the

Pallensery for caronis, mays

Tvl: 0924 277070

un: 0924 27560

Managing Director

Prote Base of Control

wrappers including Combi-Wrap mulalunction rolls: packet (palln ising, eray erecting & stretchwrapping performed in one single Newter U.K. Ltd., PALLET SHRINKWRAPPING EQUIPMENT

Great West Trading Centre, Wrapping Equipment P.T.H. Poerdertechnik Ltd.,

United Pockoging PLC

Limited, 5 Sanderson Street. Sheffield, South Yorkshire.

WRAPPING MACRINERY Greenshury Farm, Bolnhurat, Bedlord MK44 2ET Tel: 0234 376744 Contact: Mark Smith Tel: 0223 242020 ROROPAK pallet strete wrapping from semi to fully amo with pallet handling Fax: 0223 411063

Siba Delta 92 Ltd., Contact: Mr Richardson Manufacturers of fully & semi

PACKAGING NEWS/MARCH1994

WITH WORDSWORTH CAS

**BALLINGER** RAWLINGS LTD Baltawi House, Ebherns Pó Hernel Hempstead, Herts HP3 9 Tel: (0442) 2] 7555 Fax: (0442) 600 ppllers of plustic & paper bandi

#### POWDER & LIQUID EILLING

ABA Alite Ltd. 23 Such Close Ind. Est., Heits, SG6 IJF Fax: 0462 481256 All - Fill International Ltd Sunderland Ruse Sandy, Bede, SG 19 1RB. Tel: 0767 671100 Fax: 0767 681406 Specialiet Manufacturers of

filling machinery for powders, granules, creams & Drivee Southall Ltd. Tame Bridge Ind. Est Wey Bonwich Road Walsall WS5 4B15 Tel: 0922 614631/7 Fax: 0922 613043 Filectronic Liquid Fillere -U.R. Ltd.

Unit 5, Pullman Trading Est. Statuen Road, Uppingham, Leics., LEI5 9TX. Tel: 0572 821440 Fax: 0572 821 550 A. l'arsons & Co., (Livernool) Holden Road, Waterloo, Liverpool 1,22 aQI Tel: 051-924 868 Fay: 051-931 5404

Tel: 081-758 9000 Fax Nos: 081-847 3613/0877 Telex: 935560 Purdy Grantil Division Conract: Mr John D. Lillie, G.E.J. Filling Capping & General Sales Manager Labelling Ltd., Ocme UK, Henwood Extate, Ashloco Kem TNA STIS King John House, Kingselere Park, Kingselere, Tel: 0233 629161 PRE-FORMED POT FILLING Berks. RG15 8SW. Tel: 0635 298171

#### MACHINES W.A. Lane Inc., 143 Wardour Suc Lombin WIV 3TB

Fax: 089-582 5344

Saracen Industrial Area,

illig UK Ltd.,

Unit 12,

Mark Road,

Herts. | 1P2 7BJ.

Tel: 0442.212533

Fac: 0442 219524

B & M Associates

Tlx: 82421 (Illiguk)

Colley Lane Ind. Est.,

Somersei TA6 5LY.

PROJECT ENGINEERING

Tel: 0278 ++6697

GUI77RX.

Tel: 0252 874702

Fax: 0252 877295

Fax: 0278 429455

MACHINERY FOR BOTTLES & Tel: (44) (0171 434 3778. OBJECTS Tras: (44) [0) 71 434 3774. Tampo Supplies L.Id., PRESSURE FORMING 26-18 Elmtree Road, Teddington, MACHINERY Anchoe Plastics Mnchinery. TWI I 8ST iummerhouse Lane, Tel: 081 -943 003 1 Fax: 081-977 5166 Contact: N Colman UH9 6HU Agents for: Ardenghi screen Tel: 089-582 4301 printing machines, semi-automatic, fully automatic Ta: 894341

#### rotary/flat/plastic/metal/gla SEALING & WELDING EQUIPMENT FOR PLASTICS

Branson Ultrasonics The Fairview Estare. Clayton Road, Haves, Middlesex UB3 IAN Celephone: 081 561 4422 Fax: 081 569 3788 Contact: J.D. Huns Ultrasonic and vibeation welding systems for hermoplastic materials and

#### SELF ADHESIVE LABELLING SYSTEMS

TURNKEY PACKAGING LINES 24 Partridge Piece, Hart Packnging Machinery, Beds, MX43 ORP Tel: 0234 75059 Fax: 0234 750591 Hand dispensers to complex systems, covering all aspects of labelling Graham Labelling Systems Limited... Hall Works,

Church Road,

Brightliogsea, Esser CO7 ORZ

Tel: 0206 304982

Fax: 0206 304313

BALLINGE

RAWGINGS-LT

that and House, Libbons Bo

Hernel Hempstead, Nexts HP3 978

(et. (0442) 212555 haz: (04421600

Specialist suppliers of quality

SHRIMK GUNS

#### AOLLER & ROTARY CUTTING PRESSES P.W. Merkle Ltd.,

29 Willow Lane, arrey CR4 4NA. Contact: John Frenc

# SACHET MACHINES

POWDER, CRANULAR) Hart Packaging Machinery, Sureey GU177RX Tel: 0252 874702 Fax: 0252 877295

Contact: Mr Joliey

Soudal Ltd., Unu 5, Enterprise House, Ashbi Road, Leies, LE6 2LA Tel: 0530 510502 TIs: 341167 PAKSOU G

Pax: 0530 510970

CR0 6HF

The 925601

MACHINES

51 The Mall.

Petzold & Company.

ondon W5 3TA

l'el: 081-567 9926

Fax: 081-840 6701

**SACH PALLETISERS** 

Chaisworth House.

Jerley DIQ1 75R.

Tel: 0332 672888

Fax: 0332 679888

Tel: 0865 722005

Fax: 08 65 249629

Newter U.K. Ltd.,

Great West Road,

Middx TW8 9DN

Fax: 0635 297936

SCREEN PRINTING

Unit 4.

Racnes Way

Osney Lane,

Oxland

OXI ITS

Limited.

Contact: Nick Petzold

FAWEMA for up to 25kg

F.T.H. Focedertechnik U.K.

Prime Business Centre,

Marryal Automation Ltd.

The Oxford Business Centre,

Designers, Manufacturers and

Patent holdere of unique sack

Great West Trading Centre,

Weston-White Packaging

299-305 Morland Road, Fuji Seal Europe Ltd. Tel: 081-656 4531 Fax: 0634 379179 Genhaist Labelling Systems Fax: 081-656 4534 **8ACK EILLING AND CLOSING** 

Hallworks, Church Road, Brightlingsea, Essex CO7 ORZ Fax: 0.206 304313 Tiv: 987562 GRAHAM Irwin Packaging Ltd., Packaging Machinery Division,

Arlantic Trading Est., Barry, S. Wales CF6 6UW, Fax: 01 to 738476 Contact: Mike Warmingto Sleever International Ltd., Mcleille House, High Street, Great Dunmow, Essey CMn LAE Tel: 0371 874344 Turpius Packaging Systems

SHID NKWRAPPING EQUIPMENT

Kennedy Way

Essex COIS-IAB

Tel: 0255 423402



SHRINK-WRAPPING

MACHINERY Medway Packaging Systems New Hyrlie Lane, Larkfickl, Aylesford Kem ME20 uSI I l'el: 0623 717859 ·ax: 0622 719402

Telev: 965293 **ADPAK** No.1 for

Shrinkwrapping Machinery Flawrapping Machinery All Shrink Films Stockists of

CRYOVAC' Shrink Films Tel: 0282-619200 Fax: 0282-612201

Advanced Packaging A membee of The Amalgamated Reinpoer Group WELDOTRON exclusive

498/500 Honeypor Lane, Stanmore, Middx. HA7 1/Z. Tel: 081-952 5262. Fax: 081-952 806 And: Packsya Ltd., ancs. BB4 4PW Tel: 0706 222032 Fax 0706 222602

Bradwood Court, St. Crispen Way, Haslingden Aetna UK Ltd Greensbury Farm Bedford MK44 2ET Tel: 0234 37674 Fax: 0234 376787 act Mark Smith DIMAC weaparound case packing, tray loading, single roll cut and wrap nhrink wrapping systems from 20 to 75 packs per minute. A P M. Machinery Ltd., Unit 8, Arrow Trading Est.,

Unit 4, Great West Trading Centre, Great West Road, Middx TW8 9DN Tel: 081-758 9000 Corporation Road, Audenshaw, Manchester Fax Nos: 081-847 3613/0877 Telex: 935560 134 5LR Contact Mr John D. Lillie, General Sales Manager Tel: 061-335 0130 Fax: 06J-320 3405 Ocme UK, rowpack Machinery Ltd King John House, Greenway Road, Bilston, Wolverhampton West Midlands Kingsclere Park, Kingsclere, Newbury, Berks, RG15 8SW. WVI40TA Tel: 0635 298171 Fax: 0635 297936

Shrinkfan Lid., Hawksworth trading bythe ovindon, Wiles, 8542 (DZ.) Tel: 0793 612073 The 444207 SHRINK G

SHRINH-SLEEVE APPLICATION MACHINES Gillinghant Business Par Gillingham, Kent NI:8 0RJ. Tel: 0634 378656

H14 7H. Tel: 0484 no1365 June: 0484 66 % In-Pallet Bulk & Sleeve Wrapping Equipment Bornley Packaging Machinery Limited, Farrington Place. Rossendale Road Ind Lst, Burnley. BRUISTY Tel: 0282 831733 Tlx: 635627 RPM G Fax: 0282 23403

Upcon Acenue

Tel: 0271 45351

Fax: 0271 72880

Th: 46774

Portingion Ind. Estate,

N.Deron EX31 INE.

Europack Engineering Co. Limited.

Common Lane North,

Tlx: 975030 URQPAK G

Brecles, Sulfolk NR34 9BP.

Tel: 0502 716540

Fax: 0502 716814

Euro-Pharma Lid

Farnham Koul

Liss, Flampshir

Tel: 0730 89525

Fleming Road, Hinckley, Leicrstershire

Tel: 0455 613881

Fax: 0455 618538

20 Telegraph Lane.

Alton, Ham

GU34 5A X

Lawco-Kallfass.

Regional Office, 21 Drakes Mews,

Cownhill.

Milion Kernes,

Fax: 0908 \$6188

Kisters Ltd.,

37 Walkers Road

Tel: 0527 595795

Fax: 0527 595727

4 Phoenix Court,

Tel: 0933 274141

Pax: 0933 226000

Tlx: 317295

Northants NNS 2QE.

Minipack Torre (UK) Ltd

Corby Northants NN18 9QD

Contact: David Espey

Tel: 0536 460929

Fax:0536 461007

Newter U.R. Ltd.,

I Sheiling Court Oakley Hay Business Centre

Sole Distributor of Mini Pack

Meco Iwema Ltd.

Everiu Close,

North Moors Most

Tel: (0420) 62725

Fax: (0420) 64432

Supplying PACKMATTC

spaces for many machine

Buckinghamsline MK8 OER. Td: 0908 261882

A full range of Shrinkwrapping

Redditch Worcs, B98 9HD.

and Flow Wrapping machin

Hampshire Packaging Services Umited.,

LFIG 3DU

Pax: 0730 894856

G B E Lerner Burgess Ltd.

A GBE International ple

GU33 6J G

Illin bird Packaging Machines

43 Bonhok Road

Tel: 0711 \$2160 I

BSI Packaging,

Sandylands.

Undderstield

Limited

Reading

thich Duck Change CECO Packaging, Coldwell Engineering Co. Church Lane, Shopley, Fluddersfield, HD8 8 AF Trentpack Machinery Ltd., Unit 25, Nottingham South & Tel: 0484 604527EDL Wilford Ind. Est. (Packaging Eng.) J.td. Ruddington Lane, Wilford, EDL Pamavec,

> A. 120 A. 100 A. 100 A. 100 A. WW Wantiel Distributors of India

Nottingham NG11 7EP.

Tel: 0602 822622

John Quinn (Packaging) Ltd.

UK manufacimers designers

Shrinkwrap Machinery 1 id.,

Sterre Industrial Faur

Tel: 0202 674944

hav: 0202 67 [89]

Tix: 418297

Poole, Dorset BP15 2A1:

osoflas

of shrinkwrapping equipment

(1972-1992)

Juleanatic

Unit 4

Lorethouse Mill.

Lowerhouse Lane,

Burnley HH126NH

Tel: 0282 7786 16

Page 02x2 771427

tatic Shrink Packaging Machinery Wrapid Packinging Systems Ltd 250 Thornton Road, Bundford West Yorkshire BIM 21 14 Tel: (0274) 72292() Fax: (0274) 736195

Yorkshire Packaging Supplies Woodkirk Freight Terminal. Quarry Lane, Wordkirk, Dewsbury, W. Yorkshire. Tel: 0924 441355

1/11/10/124 14/0486 SHRINKWRAPPING MULTI-PACK8

Europeck Engineering Co. Common Lane North Heades, Suffolk NK34 9814. Tel: 0502 716510 11x: 975030 Uranak ti l'ax: 0502 7 16814 Kalifan Packaging Machinery

I linlied. & Harakes Mews Crowhill, Milton Kernes, Buckinghamshire MKX OF R. 'cl: 0408 26 1882 Fax: 0908 26188 manual, semi and fully nutranatic shrinkeyrapping as well as tray packaging systems & cartoning

Kisters LId. 37 Walkers Road Non li Morres Moz Tel: 0527 595795 Fax: 0527 595727

Ocme UK King John House ingsclere Park, Kingsc Newbury, Berks. RG15 85W. Tel: 0635 298171 Fax: 0635 297436

**SKIN PACKING EQUIPMENT** EDL (Packaging Eng.) Ltd., EDL Parnnyac, Upcott Avenue Pottington Ind. Estate, Barnstaple, N.Decon EX31 INE. Tel: 0271 45351 Fax: 0271 72880

Minipack Torre (UK) Ltd

I Sheiling Court
Oakley Hay Busing
Corby, Northance

NNI89QD

Tel: 0536 460329

Fas: 0536 461007

Contact David Espey

Sole Distributor of Mini Pack

STAPLES AND STAPLING EDVIPMENT Euro-Phorma Ltd., O.W. Staplers Ltd. The Brows, Farnham Roar Wotton Road. Liss, Hampshire GU33 6JG Tel: 0730 895252 Tel: 0233 629020 Fax: 0730 894856 Hig U.R .Ltd., Fax: 0233 610679 Unit 12, Kevin Staples 16 Meadow Bank, Leigh, Saracen Industrial Area Mark Road, Hemel Hempstea Hens. HP2 7B]. Nr Tonbrido Rem TNII 8RA Tel: 0732 838805 Tel: 0442 212533 Mobile: 0831 208971 Tlx: 82421 Fax: 0442 219524

Contact: Kevin Staples STATIC ELIMINATION 8 ASSIST EQUIPMENT Accorduint Ltd

Derllwyn House, Lamb Lane, Ponthir, Newport, Gweni NP6 IHA. Tel: 0633 422292 Pax: 0633 430041 Northern Office Tel: 0274 734616

Etherton Ami-Static, Unn B3, Ber kingham llusiness l'ark.

A ho appliers

Burkud House,

Park, Witney,

Oxon OX8 5DP.

Tel: 099,1706200

Fax: 0413 ?76977

St. James Read,

Faser Child 4LL

Tel: 0277 214455

Bremiwekel,

114: 9432

Llusted

Zero Speci Spacer

Meech Statle Eliminators Ltd.

15 Thermey I eys Business

NV Tools Printing Equipment

Tel: 0303 84551 Tulkshum Major TIS: 465089 Makhon, Essex, CM9812 Fax: 0303 84234 Tel/J-av: 0621 852710 Ridat Cn., Mallett Machinery lad, Europack Engineering Co. Ltd Common Lane North, Beccks, Sulfalk NR34 9BP, Haig Road, Parkgate Ind. Fst., Knursford, Cheshire Tel: 0502 716540 WAINSDX. Tel: 0565 75534c Fax: 0565 755357

**SLITTING AND REWINDING** MACHINERY Atlas Converting Equipment

Praniesco Lid.,

Park Lane, L'Ilam,

Wolseley Road, Kempston Hedlard MK427XT. Tel: 0234 852553 Fax: 0234 851151 C. G. Antomathen Limited. 8 Highmeres Road, Leicester LF4 71 Z Tel: 0533 760206 Fax: 0533 742995 York Road Industrial Park,

York Road, Mahon,

50 Priory Road, Campton.

Racenscroft

MACHINERY

Beds, SG 17 5PG.

Tel: 0462 x12925

Fax: 0462 812525

Mark Godbold

national reference

Leicester LE4 71 Z.

Complete design and

D.I. Machines I.ul.

St. Helens WALLORW.

Altherway South

Tel: 0941 751 109

Fax: 0942 27 [325

Sanact: Mr Stephen

GRE Lerner-Hurgess Ltd.

(A GHE International P.C.

Mid Cheshire Manufacturing

esign and manufacture of

packaging machinery, machine medification and

A. Parxons & Co., (Liverpool)

Woking. Surrey GU21 (I.E.

hompson Automation Ltd., York Road Industrial Park,

North Ynikshire YO1707F

Havilork.

Companyl

l line k be

Co. Limited.

Flenning Recal,

| cics | 1 10 1 111

Tel: 0455 61 3888

6 Iterkeley Cont.

Tel: 0928 579248

Holden Road,

Tel: 051-924 8685

Fax: 051-931 5404

Waterloo, Liverpool

L226QF

Robdale Lid.

Cherry Street.

Tel: 0483 728808

Fax: 0483 720n26

Tel: 0653 695228

Fax: 0653 693426

Contact: Mr Alan

Manor Park, Runcor

Cheshier WAZ PTQ.

Pay: 0455 618538

Tel: 0533 760206

Fax: 0513 742995

Contact: Paul Bardell or

We design, manulacture,

erectors available. Multi-

C. G. Automation Limited

machines, Foil blockers, tras

N. Yorkshire YOU 017 Fax: 0277 227341 Tel: 0653 695228 W.L.T. Limited Fax: 0653 693426 Sinco exclusive distributo Contact: Mr Alar 250 Thurmon Road West Yorkshire 8DI 2LB. SPECIAL PURPOSE Tel: 0274 39153x

Tix: 517522 Fax: 0274 736195 STENCILLING EQUIPMENT D.B. Marking Co. Ltd. 47a, College Road, Bromley, Kem HRL 3PU. Tel: 081 464 1043 reluchish & modity packaging Fax: 081 460 7067

Contact: Steven Leanny STRETCH SLEEVE MANUFACTURING

MACHINES CM Machinery 50 Seagoe Ind France Claignon Co Annigh N Ireland BTist 5QA Tel: 0762 333341 Pari 0762 330415 Contact: K Motfet Manula quers of skiri shrening stacking winder equipment for use in line with Pharm maduner or he standing, Standard and purpose built machine applications extend for

STRAPPING EQUIPMENT C. Ci. Autoutalinus Limited

8 Highmeres Kord

Tel: 0533 760206

South Hamberside

Land code, semi and

Tel: 0724 865692

Fax: 0724 8656%

Brunel Road,

Tlx: X54487

Orgapack Ltd.

Tel: 0256 810102

l'ax: 0256 840190

Unit 83, Third Avenu

Heatherhouse Road,

Irvine KA128HO

Tel: 0294 311911

Fax: 6294 311920

Handtuols, semi and

built strapping station

l'akseal Industries Ltd.

Cornwallis Estate. Maidenhead,

Berks. SL67DB

Tel: 0628 26381

Fax: Co28 78128

Strapes U.K. Ltd.

Holdford Road,

Fax: 021-356 7826

STRETCH-WRAPPING

EDL Packaging Eng. Ltd.

onington Ind. Estate,

Barnstaple N. Devon EX31 INE.

MACHINERY

EDL Parnavac,

Upcott Acenu

Tel: 0271 45351

Fax: 0271 72880

Th: 46774

PACKAGING NEWS/MARCH 1904

Witton, Birmingham, Be 7EP. Tel: 021-356 6246

Tlx: 847022

automacic nachines, et

Couract: Mr Mike Dean

Gordian Strapping Ltd.

Basingstoke, Hampshire, RG21 2XX.

built strapping and handling

Pay: 0511 742995

EPC: Ltd.

Brigg Road

DNI6 IAF

ciuster I F4717

Witton, Dirmingham B6 7EP. Tel: 021-356 6264 Tlx: 335801 Fax: 021-356 7826 United Packaging ple. Wharfedale Road, Euroway Trading Estate. Bradford, West Yorkshin BD4 6SG. Tel: 0274 651330

Fax: 0274 686168 TAMPER EVIDENT SEALING EDUIPMENT

Graham Labelling System Hallworks, Church Road Brightlingsea Essex CO7 ORZ Tel: 0206 304982 Fax: 0206 304313 Tix: 987562 GRAJ-IAN Shrinkbanding & Surap labelling Stancleo Products Limite

Dumpers Drove Horton Heath Eastleigh Hants SO5 7DP Tel: 0703 602200 Fax: 0703 602233 Telex: 47670

Contact: Mr S Hinchliffe TAPES SELF-ADHESIVE APPLYING MACHINES Chamason Automation Ltd., York Road Industrial Park, York Road, Malton North Yorkshire YO17 OTE

Fax: 0653 692426 Contact: Mr Alan Ravenscro (TENSILE COMPRESSION, FLEXURE)

Lloyd Instruments Ltd. Whittle Avenue, Segensworth West, Fareham, Hants. PO15 5SH. Fax: 0489885118 TESTING EQUIPMENT

(PLASTICS, FILM ROARD) DAVENPORT, a division o Lloyd Instrumenta Ltd. Whinle Avenue Segensworth West, Fareham Hants POIS SSH Tel: 0489 574221 Fax: 0489 885118

THERMOFORMING TOOL MAKERS

Enropsik Engineering

Common Lane North

The 975030 UROPAK G

Beceles, Suffolk

Tel: 0502 716540

Fare 0502 7168 14

Tel: 0256 840102

Fax: 0356 840190

Wilsbire SNI3 9SW

Tel: 0225 812200

Fax: 0225 8 J 228 1

Gordian Strapping Ltd

Hantoshire RG212XX.

Leatield Estate, Chisham,

Also high quality stretchlilms, and plain printed tapes.

Lawco Palletisation and Load

ivernool L69 3AU.

Tel: O51 227 1212

Fax: 051 227 5900

Lawco House, Vauxhall Road,

Lawco Palletitation and Load

reliable systems for patteri

and securing bulk loads. We

olution, as well as provide

will survey, advise and

ecommend the opti

full service support

Cornwallis Estate.

Maissenhead,

Tel: 0628 26381

Fax: 0628 781289

Propack Automatio Machinery Ltd.,

Torrington Ave

Tel: 0203 470074

Fax: 0203 471190

Wed Proven Machines | 1

Soline Un Limited F Unit 12. Avigien and, Est, Whiteburch, Hanss, Fictor

Tel. 0256 898930 to 9258 898865

Strapex U.K. Ltd.,

Holdford Road,

Covenury, CV4 9TB.

For KIENER collaid

The 31660 PROPAC

Berkabire

SL67DB.

Tiv: 847022

Binns Close

Pakseal Industries Ltd.

Securement, offer effective and

Co. Linnied.,

F#R 14 933P.

Brunel Read

Bassigstoke,

Tls: 859687

Macast Ltd.

ecurement

Old Carmon Wharl TONBRIDGE Keni TN9 ISD Contact: John Carswell Tel: 0732 363825 Fax: 0732 770029 Tools and currers for the Thermulorming Industry

TISSUE CONVERTING MACHINERY Of Donaldsons Ltd. Spire 15. Estex House 15 Station Road RMII+ 25J. Tel: 0708 251300 Fax: 0708 222824

TRAY DE-NESTING EILLING & JODING MACHINES Unit 13, Westwood Coun. Brunel Road, Totton. iouthampion SQ43WX. Tel: 0703 870674 Fax: 0703 666051 Dart Developments Ltd. Dart House

Henry SGL 2EF Tel: 0438 740321 Tax: 0438 742260 K& L Engineering Unit 3B, Wellnicadow Road St. Francis War. Shefford Indu London W7 2AR. Tel: 0462 851158 F.ix: 081-840 015 Fax: 0462 851159 FP Packaging Machinery Ltd. Nniden U.K. Lid., In subsidiary of Freeze Pack [Machinery] Ltd.) Walnut Tree Close, Fax: 0462 \$95683 Guidford. Surrey GUI 4UB.

Newter U.K. 11d.

Oren West Road

Great West Trading La

Brentford, Middleses, TW8 912M Tel: 981-758 9122

Fay 681-847 3613/0877

General Siles Manage

Sterte Industrial Latate

Poole, Dorset BP15 2AF.

TUBE FILLING & CLOSING

R.F. Bridge Engineering

Coach House,

Hans. SO3 8BF.

Tla: 418297 | Jay, 0202 671891

145 Stone Assemb

Tel: 0202 674944

MACHINES

Telev. 935560 Contact Mr John D. Lillie,

Shrinkwrap Machinery Lul.

Tel: 0483 32811 Tix: 859674 Fax: 0483 300078 . Partons & Co., (Liverpoo Limited, Holden Road, Waterloo, Liverpool L22 6QF Fax: 051-931 5404 Veropak Ltd. Rich Industrial Park Ctayford Road,

Craylord, Kent DAI +LA.

Tel: 0322 59694

Fax: 0322 555719

Arlvanced Design Systems

Unit 16, Eldon Way,

Assi Packaging Systems LId.,

Bigglerwate Beds. SGIB 8NI-1

Tel: 0767 314138

Tel: 061 338 3711

Fac: 061 303 2647

Combs PEI86EF

Tel: 0480 455919

Fax: 0480 451520

Upcoir Avenue

Tel: 0271 +5351

Fax: 0271 72880

Tel: 0502 716540

Tel: 0455 613888

Fax: 0455 618538

37 Walkers Road

Tel: 0527 595795

Meco Iwema Ltd.,

Evenin Close,

4 Phoenix Court,

Tel: 0933 274141

Page 0933 226000

Newbury Packaging

Machinery Ltd 38 Casde Farm Road

Hanham Abborts, Britis

Tls: 317295

RS15 3NN

Tel: 0272 609242

Fax: 0272 609242

derers Ltd.

Tx: 46774

EDI. Parnavac

EDL (Packaging Eng.) I.id.,

Portington Ind. Estate

Banistaple, N. Devon EX31 INE.

Europack Engineering Co.

GBE Lerner Burgers Ltd.,

ronspanyl Fleming Road, Hinckley, Leicestershire LE10 3DU.

Raddisch Worce B98 9HD

(A GBE International pla

Beccles, Suffolk NR34 9BP.

Cermex UK Ltd.,

PO Box 12,

Fax: 010 31 76 712277

Fax: 0767 31541.

K & L Engineering Linn 3B, St. Francis Way, Shelford Industrial Estat Shellord Beds. SG17 5DZ Tel: 0462 851158 Fax: 0462 851159 TRAY ERECTORS & LOADERS

NR34 9BP.

G.E.W. (EC) Lid.

45 Deering Road,

Reigare, Surrey, RH2 OPW

Tel: 0737 247028

single to muhi-lamp s

variety of applications

convoyurised units for a

Compact quality UV dryers.

VACIUIM AND CUSTOMISFO

Star Universal (Goenort) Lid.

Clarence Wharf Ind. Estate.

Gosporr, Hams PO121AJ. Tel: 0705 582857

Fax: 0737 247669

Pioneer House,

Hans, SPII GBL

Pax: 0264 738552

HEAT SEALERS

Mumby Road,

Fax: 0705 51 1731

Contact: R J Allen

MACHINES

VACUUM PACKAEINS

Tetra Laval Convenier

Bucks MK16 9PS

Tel: 0908 616699

Fax: 0908 61799

Multivac UK Ltd.

Mulityac House

Rivermead Driv

Tcl: 0793 616416

Fax: 0793 616219

Tlx: 444950

SN5 7UY

Rivermead, Swindon

TWIST TYING EQUIPMENT Punta Packaging Unit F3, Hilton Ind Park East Wittering, Chichester West Sussex PO20 BFT Td: 0143 672267

WITH WORDSWORTH CASH

Fax: 0243 671515 UNIT STRETCH-WRAPPING MACHINES Europack Engineering Co. Limited.

Common Lane North Driver Southall, Tel: 0502 716540 Tlx: 975030 UROPAR G Walsall WS8 7DG Fax: 0502 716814 Tel: 0543 375566 UV CURING SYSTEMS

Fax: 0543 375979 Contact: Mr Aliso Podmoree (Engineers)Ltd. Sinke Road, Sinke on Trent Tel: 0782 45361 Access Code: PODMOK Fax: 0782 744024

WRAPAROUND CASE PACKERS Hart Packaging Machin Porge Coun, Yareley, Camberle Surrey GU17 7RX Tel: 0252 874702

Fax: 0252 877295 WRAPAROUND MACHINES Assi Packaging Systems Ltd., Knowl Street, Stalybridge, Cheshite SK15 3AR Tel: 061 338 3711

Telex: 667054 Fax: 061 303 2647. Cermex UK Ltd., PO Box 12 Hun Combs. PE18 6EF. Tel: 0480 455919 Pax: 0480 451520 Europack Engineering Co. Limited, Common Lane North recles, Suffulk NR34 JBP. Tel: 0502 716540 Th: 975030 UROPAK G Unity 1, 2, & 3 The Courtyan Pax: 0502 716814 Cumberland Street, Ipswich, Suffolk IPI 3PA Pocke & Co (U.K.) Lid Tel: 0473 286126 Courtenay Works, Monument Way East Fax: 0473 286133 Woking, Surrey GU21 5LY. Tel: 0483 756094 Contact: Mr. S. Mever Our products set the standarda by which others Th: 858365 FOPAC G are judged Fux: 0483 756099

Swisson Dikelink March World March Td 5783 \$16722 Luc 0753 585564

Hart Packaging Machinery

Tandes Combarks

Some SULTARY

Tel 3252 874702

Fav: 0252 877295

an coskallace

Crownbill.

Regional Mice

Milton Keynes

Bucks MERGER

Tel 5908 261882

Marbine warpine

technical support

37 Walken Road

North Moons Maa

Reddirch B98 9FH:

Tel: 0537545799

Pax: 0527 595727

Meco Iwema 1.1d.,

Kisters L.sd.,

Shrinkwaapping and Flow

Bespoke applications and ful

Everity Close, Denington Est.

Wellinghorough, Northams, NN8 2QL

Tel: 0933 274141

Fax: 0933 226000

Newtoch U.K. 1.1d.

12 Windroll Land

Somball, Middleses

Tel: 081-574 3673

Fax: 081-571 3726

King Julu House

**RG 15 85W.** 

Tix: 67466

Tel: 0635 298 171

Fax: 0635 297936

Waller Eurosel/Nor-Reg.

Wigan, Lance, WNI 177

43 Bridgeman Terrace

WRAPPING MACHINES

Normak Plastics Limited

PACKACING

Northants NN 16 6PS Tol: (0536) 510910 Fax: (0536) 410568

Contact: Tony Balshay

See second costly on the materials

Tel: 0274 63 | 8| 1

Fax: 0274 626 128

Tix: 517569

Kingschee, Newbury

Ocme UR,

Tiv: 317295

Fax: 0908 36188

A full range of

21 Drake, Messy

VACHUM PUMPS (OIL & DRY RUNNING) Butch U.K. Lad.,

Tellord, Shropshite THI JEX. Tel: 0952 677432 Fax: 0952 677423 Graham Vacuum Ponins Lid., The Forge, Congleton, Clicking CW12411Q. Tel. 0260 274721

Fax: 0360 276965 Windmill Lane, Bursledon VACUUM THERMOFORMING **MACKINES** Anchor Plastics Machiner

Tel/Fax: 0703 40 2313 Flexibiling Machines Ltd., M.D.B. Cunte, Crompton Road, Harefield, Midds, UR9 611C1. Tel: 089582 4301 1-ax: 084582 5344 EDI. (Packaging Engineering) EDL Parnavae. Преви Атенц Pottington Ind. Estate, Banustaple, N. Decon EX31 (NE. Tel: 0271 45351

Shefford, Bols, SG17 51)7 Th: 46774 Fax: 0271 72880 Church Street, Baldock, Hens. SG7 5AF. Tel: 0462 895245 fllig UK Lid., Unit 12,

Mark Road, Hemel Hempstead, Florts, HP2 71s Tel: 0442 212533 Welcome TO THE BACK Th: 82421 (iligal Fax: 0442 219524 Ridat Commun Europack Eng. Co. Ltd., Common Lane North, Beccles, Sulfolk NR34 9BP.

> VACUUM PUMPS DIL FREE Utile Engineering Co Ltd Td: 0933 650216

Fax: 0933 652738
Comact: Air N G Peck
Manulacturers and suppliers
to major companies in the VERTICLE FORM ELL

SEAL MACHINES W. A. Lane Inc., Adrate House 143 Wardour Street Lundon WIV 3TB Tel: (441 (0)71 +34 3778

1'ax: 050£ 716814

Fax: (44) (0)71 434 3774 VIBRATORY FEEDERS Unit 18, Maybrook Ind. Est. Maybrook Road, Brownhills,

ADHESI VES Seardow & Adams (Adhesives) The Hor Mele Specialists. Stadville, Milton Keynes Bucks. MKI3. 7HF Tel: 0908 315474 Tlx: 826239 BAM G

GELAO

Contact: Tim Dayles at: OETRON 3 Prince Rupert House Cavaller Court, Bumpers Farm Chippenham 9N 14 6LH Pentae Adhesives Ltd.

Red Bridge Mill Millbrook Close. St. James Mill Business Park, St. James Mill Road, Bulton BL2 5PD Fax: 0204 384754 nampion NN5 5IP. Tel: 0604 758558 Telex: 635147 Contact: Detek Ives Fax: 0604 750476 Sales Director BS 5750 Registe Vational Starch & Chemica CARTON BOARD Limited., Adhesives Division, Frovi Cartonbonrd Salea Ltd., Galvin Road, Slough Truding Estate, Slough, Berkshire SLI 4DF Telephone: 0753 533494 284R Chase Road, Southgate, nadon N146HF Tel: 081-882 8373 ax: 081-886 6344 Fax: 0753 539338 Tix: 848386 Th: 262426 Frovi G Contact: P.M. Breat Premiere Adhesive Topes & boxboard, Kraft lined

Swift Adhesiyo Ltd. Sympac Limited. with one Heavy Bourst Assay: Atta Googles Phase Hull, N. Hundersch. Church Mize of Excloring []['5 4]][ D. F. 14K2 445751 Moddle Tel-181-891 3211 The 932493 149-081-892-9455 Ultrabond Adhesics & Scalanic Lid., That to I Laten Business Park

Whatteld Avenue,

Linon, Bods, LU3 3BH

Sundon Park

Tel: 0582 563656

Law: 0532 563808

Air Care UK.

CUSHIONING

AIR COMPRESSORS

2/4 Chelsheld Road

Rem BR5 4DN

Fax: 0689 839287

ot Mary Crac, Orpington,

Contact: Mr C. Tappender

Servicing of all makes of air

compressor specialists, valversconditioning

AIRBUBBLE PACKAGING/

Air Hubble Converters

Acrodrome Road.

Kent ) T4 5EX

Fax: 0227 831110

PLASTICS

LTD

Pottere Ba

ENACHN

Fax: 0707 646736

HPR I lexible Packaging

I learthcore Koad

Staffs, DETT 9DL

Tel: 0283 551050

Pas: 0283 551050

BARCODE LABELS

Trafford Park

BLADES

Limited

CH TO EX

Tel: 061-848 9149

Personna later national (UK)

Centurion Businese Centre

Blenheim Industrial Estate,

Manufacturers of Small Blades

Sliner/Razor/Utility/Injecto

COATED PAPERS & BOOK

Red Bridge | Bolton) Limited

CO-EXTRUDED FILMS

Huddersfield Road

Tel: 0226 390039

Fax: 0226 39007

Th: 547917

Darton, Barnsley, S. Yorkshire S75 5NA.

BXL Plaatics Ltd.

Dabell Avenue,

Nouingham, NG68WA.

Tel: (0602) 794294

Fax: [0602] 794112

Contact: Tim Davies at

Swadlincore.

Telephone: 0689 871048

Hs-592359 SYNDAU ( 100,0452,446268 Taco Plantier Ltd., Read One. helu malil. rate. Winstand, Chashire Tel: 0606 593434 Flor 668296 TACCO G Lan: 0406 553134

CORRUGATED SHEET BOARD No.1 sheet supplier to the Norwich Corrugated Board 1.imited

Pishergate, Maruch NK3 ISI Fel. 0003 660041 Teles: 97212 Fax. 0803 621584

DISPLAY HOOKS & PACK HANGER8

Puma Packaging Diúi 153, Hilton Ind. Park Fast Wittering, Chichest West Sussex P1020 8FF Tel. 0243 672267 Tun: 0243 671515

**ELASTICATED SEAT COVERS** T.V.I.P. (Corby) Ltd. Unit D, Shelton Road, Willowbrook Induntia

**AMALGAMATED** Corby, Northanis NN175XH Tel: 0536 201266 Fax: 0536 262380 EXPANDED POLYETHYLENE

PACKABING Fonni Engineers Lid. Dashwood Avenue, High Wycombe, FIP12 3EA. Tel: 0444 459531 Pax: 0494 461841

EXPANOED POLYSTYRENE Vernpack Ltd., Unit 199, The Wacn Knockin, No Oswisio Tel: 0691 682247

EXPANDED POLYSTYRENE MOULDINGS

DETRON
3 Prince Rupert House
avelier Court, Bumpera Farm, Harold Baker Ltd. Chippenham SNI4 6LH el: 0249 444685 Fax: 0249 443932 Lincoln Road. Cressee Ind. Est., High Wycombe, HP12 3RJ. Tel: 0494 523461

it Jomes Label Compan 21 The Hives, Mosley Road, vlanchester M171HQ Page 0494 443314 **BLMS-LAMINATION** Contact: Keith Bickley Specialist manufacturers of hermal transfer media.

Soretrac (UK) Limited Concord Hause, Hurworth Road, Newton Avelille Co. Durham, DL5 6UD. Tel: 10325) 300535 Pax: 10325) 300804

Telex: 58500 TDW IF FILMS-OPP Soretrac (URI Limited STC-OPP FILMS Concord House Hurworth Road Newton Ayeliffe Co. Durham DL5 6UD Tel: (0325) 3005.35 Fax: (0325) 300804

Telex: 58500 TDWII FILMS ORIENTED POTYSTYRENE

OPS Film & Sheet for termoforming, leminating 8 PO Bux 76. Station Works. Elworth, Sandback Cheshire CW11 91G. Tel: 0270 761617 Fax: 0270 766635. EILMS, PLASTIC Alport Plastics J.1d.,

Armyrage Road Ind. Estate, Bridhouse, W.Yorks. HD6 IPC HY-BAR (High Barrier Films) Ledbury. Herehardshire HR8 2DL

Tel: 0484 714313 Tlx: 517188 ALPORT G Fax: 0484 720452 Cast Film Products. Lower Road Ind. Estate Tel: 0531 4944 Tix: 354% Fax: 0531 2733

World, and

3M UK Inl.,

JM House,

Market Phon

Berks RG12 1111

Tel 0344 858363

Travi 9344 858[95

Gordon House.

Abbutt's Packaging Ltd

Oakleigh Road South

New Southgare, Loudon N11 11 II.,

Tel: 081-368 1266

1-ax: 031-368 0386

Tel: 0225 x12300

Tras: 0225 812281

Lealield Lytate, Constrain

Plain & printed tapes; al-strets liftling and paller

wrapping machines

Sellmape GB LuL,

Woodside Estate,

Bests, 1 U5 4TP.

Tcl: 0582 478111

Fax: 0582 605832

Strapex U.K. I.td.

Tel: 021-35n 6264

Trojan Tapes Ltd.,

4 Storey Street, Leicester LE3 5GR

Tel: 0533 517564

Woodgac,

Holdfool Road, Winter

Dunstable.

Wilishire SN13 95W

Th: 21252

Istacast Ltd.,

J.Stean, Square

Tel 6533412503

Pro-0503-51 (Ins.

Longort LOSGP

TAPES SELF-ADHESIVE

1...1 Quickpack (UF) Limited

Packaging Machines & Films

14 Linnell Way. Tellord Way industrial Estate. Kettering, ... Northants, NN16 8PS

Tel: (0536) 510910 Fax: (0536) 410568 Telex: 342279

QUICKPACK SHRINKWRAPPING SYSTEMS FEATURING UNIQUE CHAMBER SEAL & SHRINK OPERATION:

**BABYPACK** E QUICKPÁCK **MAXIPACK** B MEGAPACK

E SUPER MEGAPACK ALSO MACHINES FOR

III YACUUM PACKAGING E SKIN PACKAGING E SLEEVE WRAPPING M MAGRICINE WHAPPING PALLET STRETCH CONTACT: DANI COHE



ABL PERPACK (1985) LTD 14 Linnell Way Telford Way Industrial

Estate Kettering

Northants, NN16 8PS el:( 0536) 412744 Fax: (0536) 412752 PROPACK PVC

SHRINKFILMS INDUSTRIAL & FOOD **GRADES FROM** STOCK

PROPACK BOS POLYCLEFIN SHRINKFILM FROM STOCK

SKIN PACKAGING FILMS: EPACK **EPACK AD** SKINPACK P.E. PALLET STRETCH

FILMS CO-EXTRUDED)

(LDPE CAST CONTACT: TONY BELSHAW FILMS, PLASTICS METALLISED Van Leer Metallized Product-Limited.

Caerphilly, ntrugan C3/8/31111 Tel: 0222 885988 Tis: 4977 H VACALET G Fax: 0222 863718

FI**lms** Polypropylene Cast Film Products. Lower Road Ind. Estate

Ledbury, Herefordshin HR8 2DJ. Tel: 0531 4944 Tla: 35496 Fax: 0531 2733 riinoport Ltd., I Staden Park, Staden Lanc, SKIZ9RZ. Tel: 0298 791 13/4 Th: 665630 PAC PG

Unit 12, Fax: 0298 70435 WW VI apid Mobil

**Bicor** Polypropylene Films Viapki Purkuging Systems Ltd. 2501 humton Road, Bradford West Yurkshire BD 12LB Tel: 102741 722920 Fax: 102742 736195 385 7501 Brashters Stackies BS 5750 Registered Stockist

FILMS P.V.C. 'Tina' Industrial Co. Ltd., I/F Tins' Industrial Building. 4/96 How Ming Street, Kwun Tong, Kowloon, Hong Kong Tel: (852) 343 0151 Fax: (852) 343 1539 Tlx: 37821 TINS HX

FILMS P.V.C., METALLISED Van Lrer Metallized Products Limited, Mid Glamorgan CIR THU. Tel: 0222 885988

lx: 497711 VACMET G Fax 0222 863718 FILING TWISTWRAP OP

Ahletroni Eurapak Ltd. Linumas Gale 84A Meadrow, Godalining, Surrey GU7 31-17 Tel: 0481 861027 Tix: 859521 EURAPAK G

Fax: 0483 426002 FILMS, VACUUM FORMING **METALLISED PVC** Van Leer Metallized Producta

Caerphilly, Mid Glamorgan CF8 3HU. Tel: 0222 885988 Τλ: 49771 I VACλJET G Fax: 0222 863718

FLEXIBLE PACKAGING

ONE STOP PACKAGING SERVICE AVACUUM FORMENG A SUSTER PACKS A BLISTER CARDS A H.F.WEIDED

BUSTERS & SUDE BUSTERS & CLAM SHELL BUSTERS A TRAY INSERTS A POS FLEXIBLE PVC PACKAGES & RING INDERS & LOOSE COVERS & POCKET ▲ PACKAGING IDEAS ▲ PROTOTYPE AMPLES A DESIGN AND ARTWORK THOMAS A. ASHTON LIMITED

PROMOTIONAL PACKAGINO DIVISION

Haywood Packaging Limited Unit 27 Power Station Road Rugeley Staffe Tel: 0889 570780 Fast: 0889 575060 Contact: Time Hill Bubble Wrap, Pallet wrap, lapes, Cartons, Lay flet

FOAM PACKAGING & LINPAC ACE Packaging

Carpenter Packaging UK Ltd., Frankley Ind. Park, Progmill Road, Frankley, Dirmingham B45 ().Fr Tel: 021-453 1007 The 338540

Fax: 021-457 7237 Foam Engineers Ltd Dashwood Avenue High Wycombe HP123AE Tel: 04'44 45953 Jax: 0494 461841 JPS (Ireland) Ltd. Unic 7A, Courts own Ind. Park Little Island Co. Cork, Tiv: 75642 IFS

Tel: (010) 35321 353116 Welshpae Ltd., Powys SY 16 4LE Tel: 0686 623304

HEAT SEALING MACHINERY SPARES

Global Enterprise 19 Flead Street Essex CC19 2ATI Tel: 0787 473813 Suppliers of Rotary Heat Scaling Steel Bands

**HEAT SEALABLE PACKAGING** FILMS Sudpack Unit 4, Stracen Estate, Mark Road,

Heinel Hempsicar Hens HP2 7BJ. Tel: 0442 249234 LABELS

Contact: Tim Davies at: DETRON

Industrial Computer Systems PO Box 8, Fainham, Surrey GU 10 3R X. Tel: 0252 734333 Pax: 0252 71 1330 Contact: Andrew Widgery

Manufacturers of lase plain and printed. iroto Labelling Ltd., 10 Edgernead Close, Round Spinney Ind. Est., Northamptor NN3 4RG.

Tel: 0604 646609 Fax: 0604 492090 Pyramid Labels, Unit 3 Butts Farm Butts Lane, Fowlmere,

Roysion, Herts SG8 7SL, Fase (0763) 208822 Contact: Mr K. Gypp

789 Cavendia Liehfield Road Tel: 0827 311110 Tix: 342504

Fax: 0872 310527

LABELS, SELF ADJESTVE A.C.L.. 24 Partridge Piece, Cranfield, MK43 0BP. Tel: 0234 750591 Fax: 0234 7505 Suppliers of all known variations with personal, reliable service guarantee Avery Dennison Napiei Road, Wardpark North, Cumbernauld,

packaging in reel and pouch Unit 4, Saracen Estate, Tel: 0236 725611 Merk Road, Fax: 0236 739515 Henrel Herne Hens. HP2 7B]. Multi Colour prinong inclusive screen proces Tel: 0442 249234 Fax: 0442 214708

WA9 3DY.

Tel: 0744 33066

Fax: 0744 451000

Manage no close of the

Abktroni Firzapak Ltd., Lammas Gare, 84A Meadrow, Godalining, GHZ WIT Tel: 0483 861027 Fax: 0483 426002

Sympack Limited

HU5 4HF.

Bontoft Avenue

North Humberside

Tel: 0482 445750

Just 0482 446268

The 592359 SYNPACE G

LAMINATES - FILM & FOIL

LAMINATES - PAPER & FOIL Ahlstrom Eurapal Ltd., Lainniai Gale, 84A Meadrow,

Godalning, Surrey GU7 3HT. Tel: 0483 861027 Tlx: 859521 Fax: 0483 426002

METALLISED FILM. LAMINATES Camvae (Europe) Lid. Burrell Way, Theifors Notfolk IP24 JOY. Tel: 0842 755021 Fax: 0842 762424Sudpac Unit 4, Salacen Estate, Mark Rd, Hensel Hempstead, Hens HP2 7BJ. Tel: 0442 249234

METALLISED PAPER Van Leer Metallized Products Mid Glamorgan CF8 3HU. Tel; 0222 885988 TIx: 497711 VACMET G Fax: 0222 863718

Fax: 0442 214708

PACKAGE DECORATIONS

Stribbons Ltd., Unit 107, Laurence Levland Complex. Inhlingbornugh Road, Wellingborough, Northants NN8 JRT Tel: 0933 443416 Fax: 0733 443435 Bows, ribbons, conds, tassels carry handles, tagged cards and classics tailor made solutions to any descriptive packaging problem

PALLET STRETCHFILM MANUFACTURERS

AMALGAMATED PLASTICS LTD

Crantorne Road Industrial Estate Potters Ber Hertfordshire ENG 3/N Tel: 0707 650771 Fax: 0707 646736

ISTACAST LIMITED Leafield Estele, Corshen Wiltshire SN13 95W

Tel: 0225 812200 Fax: 0225 812281 SALES OF EUROPE'S QUALITY AND STRETCHWRAP MACHINERY

SECURAPLEX Stretchwrap Concord House Hurworth Road Co. Durham. DL5 6UD Tel: (0325) 300535 Fax: 10325) 30080elex: 58500 TDW]P United Packaging ple. Wharfedale Road, Euroway Trading Estate Bradford, W. Yorkshire Tel: 0274 651330

Fax: 0274 68616 PALLET STRETCH FILM MINI ROLLS

60A,B,C,F Gorse Ind Estate, Elveden Road, Barnham, Nr. Therford. Norfolk IP24 2PH. Tel: 0842 890204 Fax: 0842 890214

POLYTHENE COATING LAMINATION & SLITTING

Ol' Donaldsons Ltd. Snite 15, Essex Heater 15 Station Read Upminute Essex RALIA 251. Tirl: 0708 251300 Fax: 0708 222824

POLYTHENE LAYELAT TUBE Sussex Polythene Linused (Extruders, Converters &

Almae Services Ltd. Church Lane, Bide Suriey GU24 9DR Tel: 01857 88005 77x: 859386 Fax: 04867 88766 Tel: 0924 363911

Fax: 0924 290124 REINFORCED POLYETHYLENE FILMS

INDUSTRIAL TEXTILES & PLASTIC toyodence M.R. Husthmane, York 106 33 el 0347 868767 for 0347 86871 Mide range of reinforced colyecte time to test any requirement Meights 95gsm to over 300gsn ● Thickness 85mu to 600ma ▲ Sines 100cm to 400cm with to Flame Retardam and Reinforce
 Barrior Foll quables also avi 'b'

Tychand Ltd.

Unit 11, Marino War, Hogwood Lane Ind Est. Finelampstead, Berkshire REIT 4RF Tel: 0734 731818 FAN: 07.14 73(898 Strapping and tying sape F.D.A. approved, very versatile and environmental

SELF ADHESIVE MATERIAL Magnum Materials Lat. The Sell Adhesive Centr Likebe Lane link Fish, I unkindical. Cheshire SK In 4UG.

Printing House, Bridge Sneet Wakefield Tel: 061.343 1131 1-45: On 1-345 1132

> TAPES Limpet Tapes Ltd. Bond House, 9a, George Street,

Tel: 0480 459461 ust For You Unit I Bruce Works 49 Mostira

Shellield SJ SEN Tel/Fax: 0742 79594 British made gift bags/be wrap ribbon and bows

SKIN FILM Soretrac (UK) Limited DUFONT SURLYNT Concord House Hurworth Road Newton Ayeliff Co. Durham, DL56UD Tel: (0325) 300535 Fax: (0325) 300804 Telex: 58500 TDWIR

SHRINKFILM POLYDLEFINE ADPAK

No. 1 for All Shrink Films Shrinkwrapping Machinery

Flowrapping Machinery Stockists of CRYOVAC' Shrink Films Tel: 0282-619200 Fax: 0282-612201

PACKAGING NEWS/MARCH1994

GRACE Pockoo

> SHRINK FILMS Cryovec W.R. Grace Ltd Northdale House North Circular Road London NW10 7UH.

> > Tel: 081 985 0811

Fax: 081 981 6480

POLYOLEFIN

Amalgamated Kempner Group. Authorised Distributor of DUPONT CLYSAR SHRINK FILMS. 498/500 Honeypox Lane,

Midde. HA7 IJZ Tel: 081-952 5262 (25 lines) Fax: 081-952 8061 And: Package Ltd, Iradwood Coun, Si Crispin Way, Haskingden Lancs BR4 4PW Tel: 0706 222032 Fax; 0705 222602 Filmeo Euroform, Salters Lane.

Sedgefield Co., Cleveland Tel: 07405 30751 Fax: 07406 21358 Progressive Packeging Ltd., DuPont CLYSAR distributor, Han Suces, Maidstone, Kent Tel: 0622 677151

Tix: 955560 Fax: 0522 677576 OKURA LAPLOR 15501 SHRINKFILM Concord Ho Hurworth Road, Co. Durham DL56UD Tel: (0325) 300535 Fav: (0325) 30080.

Telex: 58500 TDWIK Wood Wood Bistribulms of CRYOVAC

Shrink Films Vrapid Packaging Systems Lie 250 Thornton Road, Bradfurd West Yorkshire BDI 2LB Tel: (0274) 722920 Fax: (0274) 736195

DS5750 Registered Stockle APOLOGIES to the February have of PACKAGIA NEWS in identificant for WRAPID PACKAGING, digital

Northanis, NN16 8PS. of CRYOVAC Files, was oralited from the Wheir To Buy Oh under the heading of Shrinkfilm PACEAGING NEWS woold like take this opportunity of apologicing to WRAFIO PACKAGING on

CRYDVAC los say coclarios convenience this omission may have Yorkshire Peekaging Supplie Woodkirk Freight Terminal Quarry Lane, Woodkirk, Dewsbury, W. Yorkshire Tel: 0924 44 1355 Fax: 0924 440686

Group
Exclusive Distributors of REYNOLON designer 498/500 Honeypor Lane, Midde HA7 11Z Tel: 081-952 5262 (25 line) Fax: 081-952 80 And: Packsya Ltd, Bradwood Court St Crispin Way, Hastingden, Lancs BB4 4PW Tel: 0706 222032 Fax: 0706 222602 Salters Lane, Sedgefield, Co.Clevelan Tel: 0740 20751 Fag: 0740 21358 inter Machine Syetems Ltd. Lodge Mill, Barden Lane, Burnley,

**EBALLINGE** RAWLINGS-LT Setrand House, Ebberth ! Herrel Hemories of Herrs 1803 Tel (0442) 217535 FAE (0442) 6 factivers of printed, color & plain film

4 Bilton Road

Metal Closures

'Γlx: 35*2*97

Eingsland Buriness Park

Hart Street,

Basingnoke, Hanss RG24 OLJ Tel: 10256) 474777 Fax: (0256) 844600 Contact: Mr D.P. William Th: 965560 Maiston Plastics Limited Daniels Industrial Estate Bath Road, Stroud, Gloucestershire GL5 371 Tel Na: 0453 755700 Fax No: 0453 755620 Contact: Penny Steadman Venns Parkaging Ltd. Tel: (0325) 20053 Derby DE75TS.

Tel: 0602 324391 Ta: 37292 Pack Britannie Ltd. Unit 9, Shannon Centre Tel: 0268 69495 Fax: 0268 510343 71x: 995128 Sanders Polyfilms Ltd., Westfields Trading Estate, Herefold HR4 9NS.

Tel: 0132 277558 Fax: 0432 357409 Siva Plastics Ltd., Spirfire House Hazel Road, Woolston W. Yorkshire Hants SU27GB. Tel: 0924 441355 Tel: 0703 448838 Pax: 0703 685490

SHRINK SLEEVES BS 5750 Accredite Almac Services Ltd. Taco Plesties Ltd., Wreselesham Road, Road One, Industrial Estate, Wrerelesham, Fair Surrey GUID 41'S Winsford, Chrshire CW7 3RD. Tel: 0252 73550 Tcl: 0606 593434 Fax: 0252 735855 Tlx: 668296 TACO G Decorative Sleeves, Rollesby Road, Hardwick Industrial Estate, Fax: 0606 553134 uthdown Plastics Ltd.

Unit 7-8 Maple Corin, Moniton Trading Estate, Worting Road, Basingstok Hampshire RG 22 6NQ. Tel: 0553 769319 Fax: 0553 767097 Fuil Seal Europe Lid. Tel: 0250 844559 Scimitar Chise, Gillingham Business Park, Gillingham, Kent NE8 ORJ. Fax: 0256 22565 Fax: 0634 379179

SHRINK FILM PVC A.B.L. Perpack (1985) Ltd., 14 Linnell Way, Telford Way Industrial Estate, DRO-PACK FILMS Tel: 0344 489571 Tel: 0536 412744 Fax: 0536 412752 Fax: 0344 489572

ADPAK No. T Stocklats of All Shrink Films hrinkwrapping Machine Flowrapping Machinery

CRYOVAC' Polyolefia Tel: 0282-619200 Fleming Wey, Crawle Fax: 0282-612201 RHIO 2NX.

Tel: 0293 519251 Brookside Press Ltd. Leicester Road, Tel: 0533 340520 Fax: 0533 340321 Castle House, Waters Green Tel: 0625 428727 Fax: 0625 511210 Manchester Print Ltd., Harper Road, Wythenshaw, Manchester M22 4ST. Tel: 061-998 6831 Fax: 061-998 4388 The Pinner Press Ltd. Riverside Way,

Middx, US8 2YF.

Tel: 0895 251692

Progressive Promong UK Ltd., Transaction and Law Lughon Say Local SSTALL followers as the

Proc 0752 42027 Storry Leann & Co. Ltd., Lathold Prest. Lordy I State LA Tcl. 6832 502323 Tla. 557135 Trans 0532 509228 Pren Printed Packaging Ltd., Harrier Florise.

Actation Way Southend-on-Sea. Loans SS2 6UN. Tel: 9702 54804-Fun: 0703 541463

STAMPING FOIL MANUFACTURERS Leonard Kurz (UK) Ltd., Penfold Works Imperial Way, Warford,

Heir, WD2 4YY. Tel: 0923 24998 Fax: 0023 252510 George M. Whiley Ltd., Firth Road, Houseour Ind. Fyar, Lieingston, West Lothian I:1'54 513J.

Tel: 0506 38611-5 T7x: 727425 STRAPPING STEEL P.P. AND P.E.T. Gordian Strapping Ltd. Brunel Ruad.

Basingstoke, Hampshire, RG21 2XX. Tel: 0256 840102 Tlx: 85%87 Fax: 0256 840190 Strapex U.K. Ltd., Holdford Road,

Winon, Birmingham 86 7EP, Tel: 021-356 6264 'IN: 335801 Pax: 021-356 7826 TAPES GUMMED Semuel Jones & Co. Ltd., Buncilly House, St. Newts, Huntingdon, Cambridgeshire PF 19 4E Tel: 0480 75351 Tlx: 32260 hire PE 19 4E.C.

TAPES, PRINTED SELF A TEST LICITARIA DI LICITARI D Tickitape House, Ladywell Road, London SE13 7UT. Tel: 081-690 9922 Fax: 081-690 1638

THERMAL TRANSFER ribbon and LABEL SERVICE TEL 0482 86873 TUBING & SHEETING POLYTHERE Alport Plastics Ltd., Armytage Road Ind. Estate,

Brighouse, W. Yorks, HD6 IPT, Tlx: 517188 ALFORT G Pax: 0184 720452 Sivn Plaztics Ltd.. Spiritre House, Hazel Road, Wool Hants,SO2 7GB. Tel: 0703 448838 Fax: 0703 685490 BS 5750 Accredit ma oufacturer Taco Plasties Lid.

Road One, Industrial Entire, Cheshire CW7 3RD. Tel: 0606 593434 Tlx: 6682% TACO G Pax: 0606 553134 WATERPROOF PAPERS

Somerville & Morrison Ltd. 130 Combusiang Road, Rutherglen, Glasgow G73 IPY Contact: Mr T. Somerville Fax: 041-647 6999

Porsey Converters Redman Road

**AEROSOL CAP PRINTERS** 

Autoprine Limited Burnet bise West Portway Ind. Laure Sudover Hampdure SPIG 378. Fd: 5264 333883 Fac 0394 334473 Cannon Plastics,

Unity 2/3 Barry Lold Road Wingates Industrial Park, Westhoughton IU 5 3XI.. Tel: 0142 810081 Fax: 0042 8143t1 BS5750 Approved.

ALUMINIUM CAN RECYCLING

Akan Recycling For information on Alcan's nhun can recycling activities in the UK. Landblord Lock Works, Warrington, Cheshier WA4 INP. Tid: 0925 35314 Fac: 0925 417218 King 0800 262465 for a ceneral

AUGER & FUNNEL MANUFACTURERS D& | Spirals Unit 22, Green Lane 111 Industrial Estate, Leichworth, Hein

Telephone: 0462 1/76336

Mayfair Print Packaging Ltd.,

Elam House, Lydd Road,

Fax: 04n2 480n95

AUTOMATIC FILM

New Runnies

Keni TN28 81 1F.

15.x; 0679 67049

Tel: 0679 64559/66126

1532: 0533 514165 THERMAL TRANSFER RIBBONS FOR TRANSFER

**PRINTERS** 3 Prince Rupert House Crivaller Court, Bumpers Farm, Chippenhain SNJ4 8LH Tal: 0249 444605 Fax: 0249 443932

**AUTOMATIC TRAY LDADING** 8 TUBES Norden UK Lid Church Serees Baldock Hers SG75AF

Rarcodes Lad

Vale Road, Portalade

Sussex BN4 1GD.

Tel: 0273 4 22693

Fax: 0273 416727

Nikon House

Bar Code Systems Ltd.,

380 Richmond Rose

Tel: TOLL FREE

0800 282456 or

Kingston-upon-Thames Surrey K'F2 5PR.

Tel: 0462 895245 Fax: 0462 895683

BAGGING & HEAT SEALING Forn Packaging Services, County House,

2/11 Queensway, Croydon, Surrey, CRO 4RH. Page 081-681 5336 BARCODE FILM MASTERS & LABELS

Tel: 10296) 415771 Pax: (0296) 23368. Elam House, Lydd Road, New Rompey Kent TN28 8HE. Tel: 0679 64559/66126 Fax: 0679 67049

Tel: 081-549 090 Jac: 081-549 0107 Comacı: Judith Green BPCC Numerle Arts Lid., Gardner Road, Maidanhead, Berks SL6 7PP. Tel: 0628 770570 Fax: 0628 70515 Same day service/BS5750

BARCODE LABEL PRINTING BUREAU Automatic Ideo Hication

Svetenis 30 Paradise Lane, Formby, Freshlield, Merseyside L37 7EJ Tel: 07048 76241 Fax: 07048 32321 "By Return" label printing bureau · label printers, rewinders, hand & automat

tComputalabel

BANI:00MG & LABELLING

OH THE APPLE MAC MacHARCOBA chiqually bar codes. Compare's ingarystasous compa Ingarystasous Inbel designor omyele Pottocipal abel daugh & prit ad agel Bar codes, lein, graphics, MARINAL leet fed label puring on a tremal puriter

**BLISTER PACKERS** 

A vonvale Packaging Lid The Mill Works Tul: 0785 400360 Jine: 0789 400459. Theath Mill Road Wognt-burne, Wolverhampto West Midlands WV5 8AP. Tel: 0902 897343 Klisters UR. PI.C. 14/16 Midsomer Enterprise Park, Midsomer Norton Baih BA3 2BB Tel 0761 418277 1'ax: 0761 418900 Display Packing & Plastica

Middlemare Lane West, Redbouse Industrial Estate West Midlands WS9 8EL Tel: 0922 741344 Fax: 0922743258 Contact: Ruger Harding RS 5750 Part 1.

Gaddeslen Ross Hemel Henipsicad Hens HP2 6JR Tel: 0582842435 Fax: 0582 841895 Contact: Ruth Foles ALI. Packaging under Mallard Thermo Forming

31B Milton Park, Milton, Abingdon, Oxon, OX144RT. Tel: 0235 861100 Fax: 0235 865021 Mailwey Packaging Group 12-16 Pixeliffe Way

Tel: (0274) 720019 11 352 (0274) 3701323

> Mayfale Print Packaging Ltd., Total Packing Services Ltd., West Partway Industrial

Jan Slater Fax: 0264 334119 Moore & Buckle (Flexible

St. Helens WA9 3DY. Tel: 0744 33066 Fax: 0744 451000 Contact: Bruce Pritehar (Manufacturers of flexible packaging in reel and pouch

James Crooper PLC, Burneside, Kendal, Cumbria LA9 6PZ. Tel: 0539 722002 Fax: 0539 740735

PACKAGING NEWS/MARCH 1994

Quarry Lane Ind. Est., Chichester W. Sussex PO192NY. Tel: 0243 779598

Fax: (010) 735213 53620 Mochdee Industrial Estate

Fax: C686 625001 Contact: Bob Burke

Contact: Mrs B J Brownlow

3 Prince Rupert House Cavaller Courl, Bumpers Farm, Chippenham SN14 6LH Tel: 0249 444686 Fax: 0249 44393

continuous and roll labels. Self Adhesive Labels & Tags

Weber . The Labelling Weber Marking Systems Ltd

Blackstown Labels Ltd., The Litery 2 Midbin of Road. lembos, Haslemere, GU27 3EF Tel: 0428 643309 Trax: 0428 n61630 Delta Lahel Synems Lie

Wirral

Le2 3QL

Baysemlale Road. Croft Business Park Bromborough Tcl: 051-334 9479 Fax: 051-334 8137

Contact Tim Dayaes at OETRON 3 Prince Ruperl House Cavaller Court, Bumpers Farm, Chopsenham SN14 6LH Tel: 0249 444685 Fax: 0249 443932 Harkwell Adhesive Labels

Pairview House, Actor Lane, NW107NQ Tel: 081-261 3727 Fax: 081-961 8410 Hernel Adhesives Labels Ltd., 5 Maxied Road, Hemel Heme Heis. Hr27Dl.

Tel: 0442 230060 Fax: 0442 230051 Label Form Ltd., Reform Road, Maidenhead SLu SBT.

Tel: 0o28 782082 Fax: 0628 770879 Lancastrian Labels Ltd. 183 Great Howard Street, Liverpool Tel: 051-298 1212 Tls: 628622 LANLAR G Fax: 051-298 1432 Alciprint Lid., Portland Street,

Beesson, Nottinglan NG9 JL P. Fax: 0602 431168 Contact: Mr Fry William Sessions Ltd. The Ebos Piess, Huntingdon Road, YO3 9HS. Tel: 0904 654224

בו 577 וגו'' Laudon: 071-607 6236 Midlands: 021-355 5667 Sparkprint Ltd., Darlington Road, Notthallerton, N. Yorkshire cl: 0609 780333

Tls: 58261 Fax: 0609 780423 Storey Evans & Co. Ltd. Larkfield Road, Rawdon, Leeds LS196EA. Tel: 0532 502323

Tlx: 557135 Fax: 0532 509228 Walsall Lithographic Company Ltd., PO Box 26. Walsell WSI JQL. Td: 0922 721272

Th: 339886 Pax: 0922 720895 AMINATES & FOILS Inendler & Netermans (UK) Unit 9, The Wester Western Road Bracknell, Beiks.

RG12 IRW. Tel: 0344 489571 Th: 848068 Fax: 0344 489572 Plexible packaging for Confectionery Dairy & Beverage Industries Moore & Buckle (Flexible Packaging Ltd), Sutton Road,

Contact: Brace Pritchard (Manufacturers of flexible

North Assore Park Padholme Park East Tel: 0733 801322 Page 0233 891452 United Packnying ple, Dewsburg Road, Cha kheai W. Yorkshire JID 1950(1) Fax: 0274 N5 1020

Tel: 0442 217555

Fax: 0442 60091

Dangerfield & Page Ltd.,

West Midlands B62 PEY

Tel: 021-559 1699/1354

Stockists and Distributor

of Mobil Haml & Machin

Staden Latte, Buxton, Derbyshite, SK17 9RZ

Hawksworth Teading Estate,

Swindon, Wiles, SN2 IDZ.

Tix: 444207 SHRINK G

Fax: 021-561 5613

Prinsopost Ltd.,

I Staden Park

Tel: 0298 79113

Fax: 0298 70435

Tel: 0793 612076

Fax: 0793 34649

PAPER - SHREDDED

The 5hredded Paper Co.,

Full range and colours

For presentation or packaging

Unit 2D, Lowesden Works,

Lambourn Woodlands, Newbury, Berks.

RGI67RU

PP/PET FILMS

Ranik Ltd.,

Tel: 0488 71212

5 Lakeunere Chorn

Caford CR5 H.G

Tel: 0865 841027

1 ax: 0865 8420 In

Great Dunmanwa

Essex CM6 IAI

Tel: 0371 874344

Page 0371 875706

1'cl: 0924 36391

Fax: 0924 290124

PLASTIC CORE

PLUGS/BUNGS

Contact: J M Carrier

PET/PVC SHRINK SLEEVES

Sleever International Lad.,

Smurfit Precision Labelling

West Yorkship WFI 5]]

DEWN

**PLASTICS** 

LIMITED

CORE BUNGS

45mm - 203mm Ø

Natherwood Road
Rotherwaa Industrial Ectate
Hereford HR2 6JU (UK)
Tel: (0432) 369783/359788
Fax: (0432) 361925
APPROVED BB 5750 SUPPLIER

A & R Injection Moulding

Tel & Fax: 0322 332433

Aztec Tooling & Moulding

Far Common Road Mirfield West Yorkshire

1 3/8 1 6" core bungs.

Buckhilı Uriye.

Tel: 0905 754466

Fax: 0905 754475

**Eurobung Limited** 

Roe Head Mill

WFI4 ODG

Tel: 0924 496671/2

Contact: Mr W | Price

Supplying: The plastics,

brewery and paper industries.

Unit 6 Granby Business Park,

POLYTHENE BUILDING FILM

lickers Polythene Products

Birmingham, B33 OTJ Tel: 021-608 4646

Pax: 0924 480257

Granby Avenue.

Garretts Green

Fax: 021-608 7676

Postal End Caps 2" to 8" &

Warndon Ind Est, Worcester.

Northend Road

Unit 3 Northend Trading Est

Melville House, High Sneet,

Shrinkfast Ltd...

Distributors of Mobil Hand & Machine Film, Belgrave Rd, Halesowen,

Hx; 826933

Reynopoly,

PALLET STRETCHWRAP Hallinger Rawlings Ltd., Unit J. New Wharl, Halrawl Flonse, Fibberns Re Brighton Road. Heinel Hempstead HP3 9R15.

Streetum-by-Sea West Sussex BN43 6RE Tel: (0273) 455141 Fax: (0273) 465630 Approved BS\$750 supplier PVC SHRINK SLEEVES

Smurfit Precision Labelling. Priming House, Bridge Street, Wakefirld, West Yorkshire WF1 5JP.

LITTO

RAYDN STRAPPING

SELF ADHESIVE PRINTED

Hunsingdon, Cambs, PEIR 6BD

SHREDDED PAPER & TISSUE

Amalgemated Kempne Group, Exclusive distributors of Sekawrap polyolefine 498/500 Honeypor Lane Middx, HA7 11Z Tel: 081-952 5262 Fax: 081-952 806 And: Packays Ltd, Bradwood Cour

Si Criepin Way, Harlingden, Lanci BB4 4PW Tel: 0706 222032 Fax: 0706 222602 oretrac (UK) Limited CLARPHANET Shrinklik Concord House Hurworth Road, Co, Durham, DL3 6UD. Tel: (0325) 300535 Fax: (0325) 300804 Telex: 58500 TDWTR SHRINK FILM POLYTHENE Adept Packaging Co. Ltd., 78-82 Nightingale Grove.

London SE13.

Tet: 081-318 7511

Fax: 081-852 9120

SHRINK FILM

POLYPROPYLENE

Filmico Euroform Tlx: 58460 Lancs. BB12 ODY. Tel: 0282 831060

Fax: 0282 50229

Goodyear PVC shrinkfilms.

G.T. Polythene Manufacturing

Pack Britannic Lad Sharnest Control Shamton Way, Carreys Island, sers 558 01/14 Fel: 0268 unay5. Fax: 02ta 510343 rogressice Packaging Ltd., BURDEN Distributor Tel: 0622 677151

Northern Film Products Ltd.,

Horden I Ssribnor.

Warrenhurst Rood,

Hectwood Prankl.

Tel: 0253 771251

Pag: 0253 77171

Fax: 0622 67757t. Soretrac [UK] Limite NUVOTERMINO SHRINKSHIAI Concord House Newton Archiffe Cm. Durham. DL5 aUD.

Fax: 10325) 300804 West view

PVC Shrink Film pid Packaging Syst 250 Thoman Soud, Headford West Yorkshine BD1 21.13 Tel: 102745 722920 IFBX: (U274) 7,16145 BS5750 Registered Stockis orkshire Packaging Supplies

Woodkirk Freight Terminal, Quarry Lanc, Woodkirk, Dewsbury,

King's Lynn. Norfolk PE30 41 S.

ADHEBIVE Hacadler & Natermann | UK) Allstat Lid. Unit 9, The Western Centre Hanham Lane, Hertford, Herrs. Tel: 0992 550841 Western Road, Brackstell, Berks, RG12 IRW. Istacest Ltd., Leafield Estate, Corsham Wilshire SN13 9SW Sourfit Precision Labelling

Tel: 0225 81 2200 Princing House, Bridge Street Wakefield Pax: 0225 81228 Plain & printed tapes; als stretchilds and pallet West Yorkshire WFI 5]P Tel: 0924 363911 wrapping machines Pakpoint Tapes Ltd., Pax: 0924 290124 Soretrac (UK) Limited Concord Hou Dale Street, Longwood Huddersfield Hurworth Road HD3 4TG, Co. Durlson DL5 6UD Tel: (0325) 300535 Tcl: 0484 644884/ Fax: 0484 460094 Fax: (0325) 30080-Printed Adhesive Telex: 58500 TDWJI (Notim.) Led. Viscose Closures Lt Lockwood Close,

Nortingham NG5 9 N. Tel: 0602 67167 Fax: 0602 67105 Telex: 877204 VISTEC SKIN & BLISTERPACKING CARDS & BOARDS Wuodside Estate, Dunstable, Beds, LU5 4TP. Tel: 0582 47811 Fax: 0582 605837 Anstey. Leicester LE27AQ. Swallow Tapes Ltd. Manor Business Park, Manor Lane, Holmes Chapel, Arthur W. Clowes Ltd. Cheshire CW4 8AB Tel: 0477 535299/535599 Pax: 0477 535440 Cheshire SKIL 6NY

TRITEL **PRINTED TAPES** P.V.C. POLYPROP UP TO 3 COLOURS

Weel Speedy RH13 8RA

Tel: 0403 711080

Fax: 0403 711410

Top Valley,

ECOJAPES UP TO 6 COLOURS Star Road Partridge Green

Approved to B55750 Part 2 WAXED PAPERS

SNILL OPE. Contact: Brian Porsey Tel: 0249 821927 Fax: 0249 821928

approved supplier of verifiers.

applicators - barcode readers -data capture systems

Computatabel Ltd., Station Road, Stoney Stanton, Leicester LE9 6LU UK. Tel: 0455 274990 Fex: 0455 274900

Kings Unughnor, Alcore Warwickshire B49 5030

Contentional, Clam & Slide On Blisters. Gadpack Limited Meadow Farm Buildings

Upper Castle Street, Realford. West Yorkshire BD5 7SG St. Andrew's Way Ind. Estate Bicester Road, Aylesbury, Buckinghamshire HP19 3AF.

Andover, Hants, SP103LF. Contact Michael Miles.

> "COCK-UP" CORRECTIONS Packaging Ltd),

CONTRACT EMBOSSING

Unit Thompsbridge Mills, Miry Lane, Flohnfirth Huddersheld H177 2R Y Tel/Fax: 0484 685347 Quality specialist kormulario and contract filling services.

CONTRACT LABELLING Total Packing Services Ltd., Unit 1. Newton Park West Portway Industrial

Audover, Hants, SP10 31 F Tel: 0764 334243 Fact O264 334111

CONTRACT PACKING

Almae Services 1.1d., Wrecelesham Road Wrevelesham, Suriev GU to 4PS Tel: 0252 735506 (4 lines) Fax: 0252 735855 A.P. (Contract Packing) Ltd Unit 4A, Rangelett Road, Rotherwas, Heseford, Tel: 0432 353701

Fax: 0432 35825 A P M. Machinery (Contract Assembly, Shrinkwrapping & Piecewinding) Ltd. Unit 8, Arrest Trading list. Corporation Road, Manchester M34 51.8 Fax: 061-330 3405

Tlx: 609938

Cavalier Services,

Js. LU7 8(11).

Prack Processing Ltd.

s: 0483 224403

Tel: 0922 744344 Fax: 0922 743258

Tel: 0842 812687

Fen Lane, Metheringh

Eurolink Packaging Ltd., Unit 11 E/D, Eurolink Industrial Centre,

Lincoln LN1 3AQ.

Tel: 0526 21818

Fax: 0526 21766

Sittingbourne Keni ME10 3RN Tel: 0795 476444

ax: 0795 47644

Excelsior Packers,

Brookside Lane, Oswaldtwistle

Accrington, Lanc

Fax: 0254 236775

2/11 Queensway, Croydon.

Surrey, CRO (RI-L

Tel: 081-760 9899

Par: 081-681 5336

Form Fill Seal Ltd.,

17 Newman Lan-

Alton, Hants.

GU34 2QR. Tel: 0420 83446

Fax: 0420 8881

Graveley Packing Lu

Hommoor Avenue

March, Cambs PEI5 0EX

Faz: (0354) 661270

Por all eacher and VFFS

pouch needs. Employing the highest standards of quality

Contact: John Harris
BSI 5750 Reg.
Powder blenders and packers.
Pern Packaging Services,
County House,

Π≈ 817053

Tannery Lane, Send, Nr. Woking, Surrey, Tel: 0483 223501 Thr: 859296

Isplay Packing & Plastics

Middlemore Lane West, Redhouse Industrial Estate, Aktridge, Walsall, West Midlands WS9 8E1,

Unit 6, New Court Bus, Pk, Wintbledon Avenue,

Tel: 0325 383636

Part 0525 370461

Manufacturing Packaging Unit J3, Valley Way, Welland Valley Ind. Estate, Avonvale Packaging Ltd., Market Harborough, The Mill Works Leics, LE 16 7PS. Kings Coughton, Alceste Warwickshire B49 5QG Tel: 0858 4 10237 Tel: 0789 400 360 Fax: 0858 464144 Contact: Hrose Green Fax: 0789 400459. Specialists in Formulating and manufacturing Cosmetic B.T.P. Storage Led. Hayes Rroil, Cadishea Manchester M305BX, creams - show run fills are our Tel: 061-775 3945

Mnyfair Ptint Packaging Ltd. Fax: 061-775 3970 Elim House, Lydd Road, New Rome Cherrycourt Way, Stanbridge Rd, Leighton Buzzard, Kent TN28 8HE. Tel: 0679 64559/66126 Fax: 0679 67019 Mobile Hands,

Greenside Lane. Cullingworth, Near Brailford West Yntkshire BIDES SAN. Tel: 0535 272921 Fax: 0535 272821 24 hour answer phone service Moseley (Leighton) Ltd., teknield Way, Baldock, Herrs SG7 5AL Tel: 0462 892070

Fax: 0462 490113 Critical Kurt Mesele Filling food products sachers, baga, etc., Contact: Roger Harding 3S 5750 Part 1. Also Skin and Blister Packing. Shrinkwrapping & cononing Nationwide Food Packing

Unit 13. Norwich Road Ind. Est., Watton, Theiford, Norfolk IP25 6DR Tel/Fax: 0953 885735

Packaging Services (Unette) Limited, Shaw Street, Greenlield, Oldham, Lancs. UL3 7A A. Tel: 0457 875172 Fax: 0457 870290 Plastique (Hinckley) Ltd Unn I, Hinckley Road, Earl Shilton

Leies LE97LX Far: 0455 840082

Reading Industrial Therapy Organisation, Tel: 0734 481944

Sepax Fackaging Service L(d., Nuffield Way, Ashville Teading Estate, Abingdon, Oxon. OX14 9R L. Tel: 0235 534687 Fax: 0235 555590 Por sachess — includ Personalised and Short Print FBRS. contact:

SG Packaging Services Ltd., 3 Markham Centre, Station Road, Theale, Reading Tel: 0734 323222 Fax: 0734 323666

Contact: Sue Wilso: Smart Peckaging Ltd., Unit I, Whitehill Ind. Estate Wootton Bassett, Swindon. Wiltshire SW+7DA Tel: 0793 849244 Fax: 0793 849255 Hand finishing, blister sealing, skin packaging, sleeve and shrinkwrapping.

Unn X,

Limited.

ENGINEERING

Chapel Sited, Blackburn,

Lanca BB2 2EQ

DESIGN, GRAPHIC &

PACKAGING

7 Chapeltown

Tel: 0532 393282

Page 0532 393332

the latest technology

Sturlin 4, Dickson I louse,

Graphic Design Consultants

MacDonald Laminates Ltd.,

Tel: 0420 48966

Fax: 0420 487065

INDUSTRIAL FOAM

SPECIALISTS

Quarry Lane, Chichester, West Sussex .

Tel: 0243 779598

Poam Engineers Lid.,

Dashwood Avenue,

High Wycombe, Bucks. HP123AE

Tel: 0494 459531

Fax: 0494 16184

Fax: 0243 53220

Unit 12, Bordon Trading Est, Bordoo, Hampshire

EXPANDED POLYSTYRENE &

CONVERTERS PACKAGING

DESIGN & PRODUCTION

LINPAC ACE Packaging

Peter Hobbs Design

Associates,

3 Grove Road,

TW106SP

Peneil Box Lid.,

Richmond, Surrey

Tel: 081-332 6430

Fax: 081-332 6431

Riverside House, Mill Road,

Podsey, Wen Yorks 1.528 7RX

concept to production, using

HB Design.,

Hitrst Packaging Services,

Essect, Ma 30Z.

Tel: 0376, 520642

Par: 0376 501757

packing.

Keheco Limited,

Laron, Rolls.

Brue Avenue

Tel: 0582 840402

Labeling and Packaging

Colley Lane Ind. Eu.,

Bridgewater, Somerser Tel: 0278 445520

Malling Packaging Groun

Bradford, West Yorkshire BD5 7SG.

St. Andrew's War Ind. Estate

Rivester Road, Ayleshury

Mallard Thermo Forming

Fax: 0278 423040

12-16 Picliffe Way

Upper Cassle Street

Tel: (0274) 720019

Fax: (0274) 370132.

Tel: (0296) 415771

Fax: (0296) 23368.

318 Million Park.

Milton, Alungdon

Own OX 14 48 T.

Tel: 0235 861 100

Pax: 0235 865021

Unit 6, Cromwell Centre,

Also Skin packaging, shrinkwrapping and blister

Tastgent Packaging. Emergaise Trading Forms Station Road, Rayne Programme Tyles Tel: 037i-55023 Fax: 0376 550323 Contract: Mr Brian Leny (Handwork & Assembly , All y pes, collaring, bagging, blivers et skin packagingt Total Parking Services Ltd., Unist, Newton Park,

FLOW WRAPPING Mailway Packaging Group 12-16 Puchfly Way. Upper Casile Street, Bradford, West Portway Induction West Yorkshire Itl 15 78G Audover, Flants, SP10 3(1) Contact: Michael Miles Fas: (0274) JC0132 Lan States Tel. 0264 334243 Fas: 0264 334119. St. Andrew's Way Ind. Estate Bicestet Reed, Aglesbury, Buckinghumhire HPP 3AF Weston-White Packaging

Park Wallington Notice Co.

FILMS - - GRAVURE & FLEXO

Militrom Enrapak Lida

SIA Medice.

Surrey GD7 Vert. Tel: 0483/264027

Lay: 0483 43602

Tel: (02%) +15771

Lega59521

299-305 Modard Road, Fax: (02%) 23368 Cregolina CR0 nH/. Tel: 081-456 4531 HEADER CAROS & INSERTS P.A.T. (Nottingham) Ltd., Fax: Q81-656 45 34 Lockwood Close, Top Valler, Nottingham **CONVEYOR SERVICE AND** 

MAINTENANCE Tel: 0602 67 In 21 Fax: 0602 671051 Carleton Business Services Contact G. Briggs Brande Conage Flavland ohn Vaulkhard Printing 58 Castle Boulevard, Norfolk NR16 (AD) Nottinglant NG7 11-N Tel: 0002 419588 Tel/Fax: 0953 788182 Mobile: 0850 357391 (24h)

Ture 0602 #13544 Comaci: lan Gran **DESIGN & DEVELOPMENT** All Printed Headers & Sheres, Plain Stiffener Board & Carls Tickers & Labels HIGH FREDUENCY WELDING HFW Plastics Limited,

Foster Design Company Suite 671, Glenfield Park, Lonicibaye Susiness Village Alluny Road, Garestic. True & West, NESSAT Lancs, BH9 ZDR. TeVFax: 0282 603 170 Fax: 091-490 1345 Contact: Malcolm K. Foster Mailway Packaging Group 12-16 Pitcliffe Way, Design Specialists/ Upper Castle Street, Builford Packaging/Prototype Machinery - Filling, Scaling, West Yorkshine, Blas 750 Tel: (0.74) 7200 Film Wrapping Etc. Fax: (0274) 370132 ownight Enterprises Ltd., Kenworth House

St. Andrew's Way Ind. Estate, Bicester Road, Arleshut v. Buckinghamshire HP19 3AF l'el: (0.%) 415771 'av: 10.40) 23364 leading Industrial Therapy Organisation, Carerdiana Reading, Berks.

Tel: 07 M 48 DALA foral Packing Lul., Unit I, Newbyn Park, West Fortway Industrial Anderset, Hants, SP10 31 F. Contact: Michael Mile lan Slatter

Tel: 0264 334243 Page 0264, 334 (19). HOTFOIL BLOCKING Blockfoil Inswich Ltd. Fax: 0473 270705

Blockfoll Landon Ltd Fax: 081 974 2172 Blockfoil Manchester Ltd. Tcl: 061-655 3842 Fax: 061-655 3843 Blockfoll Bristol Ltd. Tel: 0272 340444 Jax: 0272 340456 Blocking Services, 1 Hill House Road, 1pswich, Sulfolk IP3 8AP, Foil Blocking Specialists Tel: 0473 711433 Fax: 0473 225456

Marlow, Bucks SL7 IPX. Tel: 0628 890388 Fax: 0628 8473914 Quintessence International 24 Clevesway, Hampton Middlesex TW12 2PL Tcl: 081 941 3196 Contact: Mark Clement Fax: Extension-10 R. Foster (Sereenprint) Ltd 184 Uxbridge Road, London W7 3TB Call Alan King for a tefreshingly different approach to your design Tel: 081-567 2274 DIECUTTING, CUTTING &

HOTFOIL CODING TYPE Print- A-Type, May lord Business Centre Unit G20, May ford Green Woking, Surrey GU22 0PP. Tel: 0483 750951 Fax: 0483 750951

> INDUSTRIAL CAMS See Main entry in Machinery INJECTION MOULDERS

Tinker Grayson Ltd., Britannia Mills, Stoney Battery, Huddersfield HD1 4TL. Tel: 0484 655221 Fax: 0484 644779

AMINATES - GRANIRE & A.EXO Alistrom Europack Lid. Lammas Gate 84A Meadrow, Godalming, Surrey GU17 JHT Tel: 0483 861027 Tlv: 859521

Fax: 0483 426002

iddig beford M INFURIMATI**o**n systems Imprint Rusiness Systems Ltd.

Cloplars, High Force. Tel: 0145 23 Inc/3 PAD PRINTING Chargeint Ltd.

Charles House a Monty Road Paton Ford St. New auls, 1979 3A13 Tel: 0480 214098/21730 1-14: 04:00 40:004 Contact: Russell Morgan. Specialist molti-colour printers on all plastics, metals

PAD PRINTING OF PLASTIC **BOTTLES & COMPONENTS** Stride Multicolour Limited Alikon Park Industrial Estate Abingdon OZ14 48E Tel: 0235 834 717 Fax: 0235 833 289 I-n colours specialist tampo primer with 40 m/c facility

PRINTING - WIDE WEB UP Contour Packaging International Linuted, Bridge Wroks, Iver Lane Cowley, Ushindge, Middleses UBS 211. Tel: 0895 230111 Fax: 08'15 230267 Flexographic 2 colour, plu m-line slining, rewinding &

**SACHET FILLING** Ford Smith & Cn. Ltd. Lyndern hybritial Parite Irligatiwe Road, Abber Wood London SE2 9SG Tirl: 081 310 8127 Pay: 081-310 9563 Contact: Mr. Alan Williams Water soluble, Priwder Liquid & Flow wrapping Flexi-Pak Lad., 20 Quernsway, Stem Lane, New Milion, Hanks, RP25 5NN. Tel: 0425 613007

117: 418284 Fax: 0125 639037 Glintpack Limited Lawrens Place, Bails Street. Market Hathorough, Leicestershire I F16 9FJ. Tel: 0858 410.210 FAX: ORSH 462414

Parkaging Peny Pool Parm, Daleshard Lane, Whitegare Nr. Northwich Cheshire CW8 211U Tel: 0606 8890-11 Liquids and Powdets, F.E.S.

SCREEN PRINTING PACKAGING & DISPLAY D & S Packaging Ltd., Weston Hall Road, Stoke Prior.

Stoke Prior.

Broinsgrove Bo0 4A!

Silk screen printing specialis including halftone and UV varnish on PVC vinyl, carton und display boards. Tel: 0527 575262 Fax: 0527 37370

R. Foster (Screenprint) Ltd., 184 Uxbridge Koad, Loudon W7 37'B. Tel: 081-567 2274 Tla: 24372 Fax: 081-566 3141 Orlana & Company 28 Redchurch St. Stride Multicolour Limited Milton Park Industrial Estate London, E2 7DP. Tel: 071-739 3604 Abingdon Oxon OX14 4SE Tel: 0235 834 797 Fax: 071-739 1962 Fax: 0235 833 289 Contact: M.J. Liddo Tampo/pad, Therimage, Iril blocking, sleeving. Also a Goldthorpe (Yorks). SCREEN PRINTERS OF

R. Foster (Screenprint) Ltd 184 Uxbridge Road, London W7 3TB. Tel: 081-567 2274 Pas: 081-566 3141 Tlx: 24372

SCREEN PRINTERS A BOTTLES & CONTAINERS Autoprint Ltd. Royce Close,

West Portway Ind. Estate Andover, Hants, 5P10 3TS, Tel: 0264 333883 SHRINKWRAPPING Tlx: 477407 SENMON G Cavalier Services, Fax: 0264 334473 Cannon Plastics, Units 2/3 Barts Fold Road Wingates Industrial Park, Westhoughton Bokon BL5 3XL Tel: 0942 810081 Fax: 0942 814311 Fern Packaging Services, BS 5750 Cocks Sudbury 2/11 Queensway, Croydon, Unit 9, Alexandra Road, Sudbury, Sullolk CO106XH. Tel: 0787 880511

IRS Packaging. Unit 2. Nammon Park Ind Estate,

Chinchill Read, Leckhampton, Chekenham. Che. Gl 537EG. Tel: 0242 226269 Fas: 0242 261954 Mailway Packaging Group 12-16 Parlitte Way 4 per t'asile Siure, Bradfor West Yorkshire 1815 75G Tel: (0274) 720019 Farc (0274) 370132

M. Andrew's Way lad Enge Herester Read, Arlesbury, Burkinglamslure HP193AF Tel: (023a) 415771 1:13: (0.P%) 21368. Mayfair Prim Packaging Ltd. Flan House,

viki Road, New Roumer, TN28 811E. Tel: 0n7n 64559/66126 Fax: 0679 67049 Norpak Machines Ltd.

Bisley, Woking,

Tel: 0483 476767

Fax: 0483 486343

Total Parking Ltd.

Unit I, Newton Pack,

West Pontway Industria

Courter to Michael Miles

Tel: 0264 334243

1:1X: 0264 UH 19.

Avorrate Packaging Ltd.

Kings Coughnus, Alcener Warwickshur R495QC

Display Parking & Plantes Ltd.,

Middlemore Lane West

West Mulliands WS9xFL

Counts to Hoger Harding

SKIN PACKAGING

The Mill Works

T-1:0787 00360

1-ax: 0./87/400459

Aldridge, Waball

Tel. 6922 744344

Fax: 0122 743258

HS 5250 Part 1

Andover, Hans, SP103LF.

Th: 85%76 Prox G

(Manufacturers of Floha)

Martin & Tayak Machine

SHIPEC

GU24 98B.

Brulford. Tel: 0274 631811 RPC Containers Ltd. Tel: 0254 682 209 Reading Industrial Therapy Fax: 0254 583752 Organisation Ltd. BS 5750 Approved Caversham, Reading RPC Containers Ltd. Codby Tel: 0536 63488 Tel: 0734 48194 Tavak Ltd., Fax: 0536-205493 J17 Guildford Road,

115 5750 Approved. SCREEN PRINTING PLASTIC BOTTLES

Combe Lines

Childingtohl.

Surrey GU84XI

Fel: 0428 1:85302

Plastics, Glass & Metal

Small runs welcome

Fax: 0428 (x5):58

- ۸հութակը մանագ

RPC Containers Ltd

Grove Street, Kanne

Northmus, NN96FD.

Leading supplier of rigid

Fix: 0/03/410406/410093

Fax: 0572 770 172/756829

plastics juckaging from 250ml to 40 litre in wide range of

materials, IIS 5750 Approprial

(Registered Office)

Tel: 0933 623311

Fis: 0913 (2212)

RPC Contrainters Lad.

BS 5750 Approved.

RPC Containers Lad.

Tel: 0572 723771

BS 5750 Approved.

t Նևեն, ըլ

Th: 341257

Tel: 093,159136

Th: 311999

RPC Containers Ltd. (Registered Office) Cities of treet, Northmy, NNtol 1. Tel: 0033623311 1-14:04(1) 437134 Tis:31 1999 Leading supplier of rigid plastics packaging from 250ml to 30 litre in wide range of materials, BS 5750 Approved

RPC Cantalners Ltd. Tel: On U Son Ac ax: 0113 410106/410013 RS 5750 Approved. RPC Cruttalnets Link, Tel: 0572 723771 Fus: 0572 7704727756829 The 141257

HS 5750 Approved. RPC: Cimialiters Ltd., Tel: 0254 682298 Fax: 0254 583751 BS 5750 Approve RIC Containers Ltd. Corby Tel: 0536-63488

Fax: 0536 20549.

HS 5750 Approved

PLASTIC & GLASS

SELF ADHESIVE LABEL

Delta Label Systems 1.1d.,

Croft Business Park.

Bassendale Road.

Bromborough,

Tel: 051-334 9479

Cherrycourt Way, Stanbridge Road, Leighton Buzzard, Bad,

1178114

Tel: 0525 383636

Fax: 0525 370461

County House,

Surrey, CR0 4RI L Tel: 081-760 9899

Fax: 081-681 5336

PRINTERS

Wirral

Tix: 629812

CONTAINERS

SCREEN PRINTERS DE

Indi Assembly and Packing STERKE Mailway Parkaging Group 12-16 Pitchffe Way. Upper Caule Street, Bradion Wast Yorkshire BD5 75G Tel: (0274) 720019 Fax: (0274) 370132

St. Andrew's Ind. Estate, Bicester Road, Aylesbury, Rurkinghamshire HP193AF Tel: (02%) 415771 Fax: (02%) 23368 Mayfair Print Packaging

67

Elan Floure Lydd Road, TN27 SHE Tel: 0674 64559/66126 Fax: 0679 67049

Reading Industrial Therapy Organisation Ltd. Caversham, Reading, Berks Total Packing Lid. Unit I. Newton Park West Fortway Industrial Andover, Hants. SP103LF Contact: Michael Miles

Tel: 0264 334243 Fax: 0264 334119 SLEEVE APPLICATION Mallway Packsging Group 12-16 Pitcliffe Way Upper Castle Sucet, Bradford, West Yorkshire BD3 75G

Tel: (0274) 720014 Fax: (0274) 370132 Uuit 9. St. Andrew's Ind. Estate. Bicester Road, Ayleshury, Buckinghamshire HP193AF Tel: (0296) 415771 Fax: (0296) 23368

Muhisereen Glass Limited [Stride-

Commercial Road Coldiborne Rotherhau Sorah Yorkshire 12016 Tel: 0709 890003 1-ax: 0709 880937 Glass, plastic or metal continers, sleered or silk

SLITTING & REWINDING

(ignup)

BALLINGER RAWLINGS LTI - Hemel Heinostrad, Heits IIP3 98 Specialist trade service

SLITTING/REWINDING TRADE SERVICE THIN FILMS A SPECIALITY INPUT WIDTH TO 1300mm DUTPUT WIDTHS FROM 15mm BRISTOL LOCATION

TEL: 0272 770755 FAX: 0272 723042 rimopost Ltd. I Staden park Staden Lane, Buxto Derbyshire SK179RZ Tel: 0298 79113/4 Tix: 865630 PAC PG Fex: 0298 70435 Progressive Packaging Ltd.,

Fax: 0522 677576 STATIC CONTROL SERVICES STATATTACK

Amereham International plo White Lion Road, Bucks, HP7 9L1 Tel: 0494 543040 Fax: 0494 543044

**SWING TICKETS** 

Arnold Read, Redeal Notingham BG4 of 7 Tel: 0002 781307 Page 0402 4202 12 Contact. Ale Buls Micdon 03 Wrightsom Dritish Tags Ltd.

Lumbon NI 71 S Tel: 071 253 2350 Fax: 071 440 1193

Tel: 0272 715480

Tune & Wear, NER 3AT

ghan NGIn 4AN

Tel: 091-477 6519

Holfeld Plastics Ltd.

Langley limuse,

Station Road.

Langley Mill.

Tel: 0773 764858

Fax:0773 763396

28 Redchurch Si,

Tel: 071-739 3604

Fax: 071-739 1962

Contact: M.J. Liddor

London, EJ 7DP.

Hart Street Maidstone, Kent. Tel: 0622 677151

THERMOFORMING TOOL MAKFRS Alpha Products Ltd., Unit I. Stafford Street

Bedminster, Bristol BSJ +DA Tel: 0272 635206 Contact:Mr. R.E. Pratter Mr. G. Coupin Pattern, tools and C/F's to the Thermolorming Industry.

ARI (Patrin) Spreckles & Lyans Nottingham այցուսու համա Eddington, Budga ave. Somerea TA241 Tel. (278 721)28 Pays 5278 724126 Concert 30 Fore doda Clouds for the Thermo-Tagwright Flouse 35-41 Westland Plan

berning Indicary) Development Tooling Services. rold Campon Whart, Vale Road, Toubridge, Kem 1739 (SU) Contact: John Curswell Contact: Mr. A. McAsse Tel: 0712 361825 Also header cards/inserts & in terl computer ticker Fax: 0732 770029 HERMOFORMING Totals and course for the thermoforming industry

TMB Patterns Lad. 7-15 Hungerford Road Brue Avenue. Bristol BS4 5HU Rridgwater, Somersco Tel: 0278 457996 Fax: 0272 723591 Fax: 0278 421455 Comact: Mr P. Erre HFW Plastics Limited Contact: M. Baker

Walter Coles & Co. I til. 47 49 Tanner Street Tower Bridge London SEL 3P Tel: 071 407 8291 Fax: 071 357 7465, Teles: 8956438. 6 andone flexo 1000 metre 100,000 nutres Contact: Male on Oldham

**VACUUM FORMING** Anson Packaging Ltd 62 Station Rivad, Cambs. C& 3XD

Tb:: 817709 Fax: 0353 74136

Welcome TO THE BACK

College Lane Industrial Estate

TRADE PROCESS PRINTING

Louis a many printing and the louis and the

OHE STOP PACKAGING SERVICE A A GIBLOWING A RESOURCE DILIEG ▲ DESERVAGE ▲ CLAS FLEXIBLE FIX PACKAGES & PAGE ■ PACHAGUAS IDEAS ■ PROTOTOR CAMPLES & DESIGNAND APPLYOR

Aronyale Packaging Ltd. The Mill Works. Tel: 0789 400 460 Jus:0789 400451 elpac Lid., Heath Mill Road Wandsonrae.

Wolcerhaup Tid: 0902 897343 Fax: 0702 893708 Klisters I U.K.I Plc. Park, Midwater Notion, Bath II A3 2BH

▲VACUA WELENNY D ▲ ESCHER FACE) IBBU BIOTERS ▲ TRANCHIERTS ▲ AGO ENAPPS ▲ 100MS COVERS ▲ PODIETS 751887 THOMAS A. ASHTON LIMITED

CJ 8 ZWT Tel 0222 885883 The 498641 Para 9222 860010 Devagou Plastics I td. 9 Regal Lane, Fly, Cambs, CB7 5BA. Til: 0353 720403 Fax: 0353 723363 Display Packing & Plastics Ltd. Middlemore I and West,

Kings Coughton, Alcester Warwickshire B49 50,007 West Midlands WV5 8AP 14/16 Midsomer Enterpri

Lax: 0992 743258 Connect Huger Hapling BS 5750 Part 1 Trays, Displays, Free for Industrial Consumer Eaglet Industries 134 Great North Read Tel: 0761 418277 Ratich Fax: 0761 418900 Hens ALVSIN Britisk Falcon Plastle Tel: 0707 264953 Kenunings Clase, Long Road, Paignto Tux: 0707 278320 South Deven TO47TV Contact: Brian Gray

Erin Packaging Systems Tel: 0803 551313 Yardley Road, Knowaley Industrial Park Fax: 0803 551313 Contact: David Newto North, Kirkby, Liverpool BRM Plastics Ltd. Frogniore Estair, Beech Read, 1.33.75% High Wycombe, Bucks, HP11 1RY, Tel: 0494 448801

Tel: 051-549 2399 Fax: 051-548 3587 Focal Plastics Lid. 8S5750 Part 2 Approve South Woodham Ferrers Chelmsford, Essex Tel: 0245 322788 Tix: 995147 Pax: 0245 323194

141 - 452 / 1098 / 1001

- pa kigug, com ici poker. Chiliem Biermilorming

The Vilebelian of Centre

Southan Book

Bucks III to D W.

Tel: 62% (93131)

Lat. 02% Volume:

Delyn Packaging ple

Mid Colonorgia

Redhouse Industrial Estate,

Aldridge, Wakall, West Molands Westell L

Tel: 0922 744 344

Aylesbanc,

Stangterine of vicinical case d

The 1994(CD) Specialist in Design &

Lornold.

Euromte Lan

Lextend, Bendin

Bed., R640 918

111 5/04 3 (044)

0:5734.34214

Glendale Plastice Ltd.

Southtold Ind. Lyc

16 Licaday 16 ad

talementari.

Life LYG2RD

Tel: 0592 774880

Allony Road,

Tel: 591-477 6519

Tay: 001-490-1945

137 Climon Road

South Marnowal,

London SI 25 60/A Tel: 081 773 30%

Part 581 768 1391

12-16 Pachille Way

Tel: (027+17200)

Fax (0574) 170132

Tel: (02%) 415771

Mallard Therano Forming

Fax: (0296) 23368

31B Milton Park

Milton, Abingdon, Ozon (OX144RT

Tel: 0235 861 100

Fax: 0235 865021

New Runiney, Kent TN28 8111.

Ax: 0579 67049

Reading, Berks, 'Fel: 0734 481944

Tel: 0579 64559/65126

Reading Industrial Therapy Organisation Ltd., Caversham,

Flam House, Lydd Road,

Huit 1

Mailway Packaging Geosip

Opper Castle Street, Budford, West Yorkshire BL 15 78G

St. Andrew's Wag Ind. Farne,

Buckinghamshire LIP19 3AF

Aaylait Print Packaging Ltd,

Hopehurst Lid.

NL83AT.

Line 0592 771680

Comact: Bruce Vallorers HFW Plastics Limited,

Gutchiad, Type & West

Huenes Peal. Alternated Lag. Abridon Tel: 1221 874152 Tax (224 80570) Liles Amery

Harsmo-Pak.

Unit Packaging Suttolk Street Whitealle Kem C.15.482. Tel: 0227 263860 Euro 4227, 770782 Contact: McP Macc Total Packing Services Ltd., Unit I, Newton Park, Andover, Hours, SP19 M.F.

West Portwook Industrial Listate, Contact, Michael Mile Jan Slater Tel: 0264 334243 Proc 0264 334119

VACUUM FORMING CASTINGS

Crabont Metals Units the 18 Past Bank Road Stephenson St. Industrial Lst Cowning NEOLINE Tel: (0633) 280636 Have (C631) 275766 Contact; John Beatrie and Ltar Edward

Quality Surface Emisted castings and a rapid delicery vervice VACUUM FORMING CUTTERS

Trade Cutting Furnies Ltd. 96 Funfield Lea Ind. Estate (North), Taulichl Lea, DP9 9UU. Tel: 0207 230598 Contact: Mr Kevin Aldreso

VACINIM FORMING TOOL

**MAKERS** Unit 8, Mon House, Wigston, Leicevet. Tel: 0533 812098 Fas: 0533 888028

Hand Packing

Vacuum Formin

Æ

# Welcome WITH WORDSWORTH CASH

Classified

Fax: 0194 462564

CHARPAK LTD.,

Eaton Ford, St. Neo

Camb. I'E193AD

Machinery — Materials — Products — Services

Rates: - Appointments £22.00 p.s.c.c. Classified £20.00 p.s.c.c. 3 Insertion rate £18.00 p.s.c.c. 6 Insertion rate £17.00 p.s.c.c. 12 insertion rate £16.00 p.s.c.c.

Spot Colour £30.00 extra Final date for copy for the April Issue is Friday 18th March. Advertisement copy to Jackle Skeel, Packaging News, Maclean Hunter House, Chalk Lane, Cockfosters Road Barnet, Hertfordshire EN4 OBU

**Contract Packing Services** 

Ford Smith & Co. Ltd.

Felixstowe Road, Abbey Wood, London, SE2 8SQ

Telephone 081-310 8127 Fax: 081-310 8853

Chemicals manufacture, formulating, blending from pilot

scale to 25000 litres. Contract packing-sachets

nc. water -soluble) and all sizes of bottles, drums, and carton

Flow-wrapping of sachets and other goods.

PACKWELL D & S LTD

Shirida orapping, Blister Packing, Cellus rappi Skeve Wrapping, Food Packing, Printed Can

Suppliers, Warehousing (15,000 Sq. Ft.)

UK Distribution & Order Picking

Joit A Cheursham Business park, Cheursh

Fly. Cambs. Tel. (0353) 666399 Fax: (0353) 666190

HAYWOOD PACKAGING LTD

SPECIALISTS IN THE SUPPLY

Fax: 0889 583730

CONTRACT PACKERS



SPECIALIST CONTRACT PACKERS MAGAZINE COVER MOUNTING AND LABEL INSERTING SHRINK WRAPPING - L. SEALING - FLOW WRAPPING COLLATING MAILING - POLYBAGGING - ASSEMBLY WORK - HAND PACKING. TIME SENSITIVE TURNIROUND - QUALITY CONTROL ASSURANCE. Contact: Graham Bollsaty

COMPETITIVE RATES FOR DRY POWDER BLENDING/PACKING

ISHIDA

TEL: 0533 734490 FAX: 0533 735258

Ambroes Street, Rochdala, Gtr. Manchester OL11 1QX.

Telephona: 0706 710027 Fax: 0706 44507

FAST AND EFFICIENT TURN AROUND OF BOTH INDUSTRIAL AND FOOD PRODUCTS. OWN LABEL SERVICE AVAILABLE.

Richard Whittaker Limited, Unit 28, Transpennine Trade Estate. Gorrela Way, Rochdale, Lanos, OL11 2QR 070B 341700 Fax: (0706) 341357



MULTIMEAD WEIGHING SYSTEMS

HIGH SPEED CONTRACT PACKERS CONFECT ONERY - NUTS - SNACKS ETC., PLAIN HEMS NO CHARGE PRINTED FILMS - SHORT NOTICE

OF ASSEMBLED AND UHASSEMBLED CORRUGATED DIE-CUT DIVISIONS AND LAYER PADS CONTACT: Tina Hill Tel: 0889 582056

**LECORETY** COLLATION SERVICES Computerised Ostabase with liallory/Conversion/Call-off iscillie

Hand Assembly Work \* Collating \* Inserting \* Mailson & Despatch \* UNIT 4, PORTLANO STREET SOUTH HTON-UNDER-LYNE, LANCS. OLS 75X. rel: 06) 343 1092. Fax: 061 343 6533.

FERN PACKAGING SERVICES an-specialists in -SHRINKWRAPPING POLYBAGGING OVERWRAPPING HAND GIFT WRAPPING & BOW TYING Il forms of Contract Packing I conditioned packing are sensitive products TEL: 081-760 9899 FAX: 081-681 5336 ounty House, 2/11 Queer

Croydon, Surrey, GR0 4RH

#### **AVONVALE PACKAGING** LIMITED

FOR ALL YOUR PACKAGING REQUIREMENTS Skin Packing

 Kit Collstion With the edded facility of vacuum formed "pre-printed eheets"developed to oustomers individuel requirements CONTACT: MISS JO CROSE

Blister Packing

CUTLERY / STATIONERY

FORM FILL SEAL LIMRTED 17 NEWMAN LAHE, ALTON, HANTS GU34 200 TEL: 0420 83446 FAX: 0420 88813

PACKAGING NEWS/MARCH1994

TELEPHONE: 0789 400380 FAX: 0789 400459 The Mill Works, Kings Coughton, Aleaster, Warwickshire, B49 5QG EFF5 7.17

CONTRACT FLOW WRAPPING SPECIALISTS MULTIPACKS / SINGLE PIECE CONFECTIONERY / HARDWARE PHARMACEUTICALS / FOOD INDUSTRY

SERVICE - RELIABILITY - QUALITY

\_\_\_\_

HILL & SEAL

OROER-V.F F &S MACHINES ALWAYS IN STOCK

FOR SALE OR HIRE

EXPERIENCED PACKAGINO

SERVICE ENGINEERS

ALWAYS AVAILABLE.

TEL: 0831 443869

FAX: 0923 240073

MJS PREMISES

Fully Reconditioned Automati Chockweighing Machines Ouaranteed 8 months

irom installation

Sarvice contracts options

Contact D. J. Tulin Electro Sorvices Tol: Holtingham (0602) 279755

WBAPPING MACHINES

AUTOWRAPPER

**VERSOFLOW MK 1** 

Excellent Condition

SIG SL MINOR

Completely Overhauled

**REDPACK PACER** 

As New

# For all your SACHET and VEFS bagging requirements

**GRAVELEY IS YOUR FIRST CHOICE** 

IMPRESSIVE NEW FACTORY, PURPOSE BUILT TO THE HIGHEST SPECIFICATION.

 FULLY SEGREGATED AIR CONDITIONED PRODUCTION AREAS INCORPORATING AIR CONTROL SYSTEMS. UNCOMPROMISING LEVELS OF HYGIENE AND QUALITY CONTROL



Specialist Contract Packers Graveley Packing Ltd. Hostmoor Avenue, March, Cambs. PE150EX





#### Adams

"THE COMPLETE PACKAGE" LIQUID AND POWDER MANUFACTURE, BLOW MOULDING, FILLING AND PACEINO OF SOTTLES, CANS AND SACHETS.

A. E. ADAMS (HENFIELD) LTD, UNIT 4, MACKLEY INDUSTRIAL ESTATE, SHALL DOLE, HENTELD BNS SKO.
TELEPHONE (6373) 483808 FAX (6373) 484769 TELEX 877309

#### **SMITHS** PACKAGING LIMITED

ici Packers & Manufacturers Sliampeos Gels Tales Creams & Letions Iquid & Powder Blending Tubo Filling, Sachets ter Packing, Flow Wrapping Bordon Trading Estate, GU35 9HH

Minster Packaging Services Contract Packers — Hand

packing & Assembly Labelling —
Blister and Sk in Packing — PVC
Sleeving — Shrink Wrapping
and L Sealing — Over wrapping
— Mailing Service Contact Andrew Stout Phone 0202 813800 Fex: 0202 613739 Unit 301, Woolsbridge Ind Park Three Legged Cross, Nr Wimborgs, Dorsel BH21 15P

**Packaging Printers** 

FLEXIPRINT PLASTICS (NORTH EAST) LTD Printers end convertors of polythene and polypropylene bags, sheets and reals. Polythene, Polypropylene and Cellophane on the reel plain or printed up to 6 colours. Polythene and Polypropylene bags and sheets plain or printed up to 6 colours. All film ex etock, print and delivery el short notice.

Trade printing and converting at short notice. 14F, Number 1 Industrial Estate, Medomaley road, Consett, Co. Durham, DH6 6SX Telephons: (0207) 591059 Fax: (0207) 591681

FLEXO PRINTERS & BAG MAKERS CELLO - POLYPROP - LAMINATES
PLAIN OR PRINTED FILM ON THE REEL

◆ FLAT OR GUSSETTED BAGS

Init 18 Efizabeth St., Loicester LES 1.68 TEL: 0533 734490 FAX: 0533 735258



BLISTER, SKIN PACK & CARTON PRINTING

WE WILL PROVIDE A SOLUTION TO YOUR PEOSLEM UNIT 24 HUTHERFORD CLOSE EASTWOOD INDUSTRIAL ESTATE. SOUTHERD-ON-SEA 141: (0702) 520050, Fax: (0702) 420273 Varnishing

Fax: 0444 239039

MORTONS # HEAT/SEAL BLISTERPACK Industrial Estate, Kings'a Lynn, Norfolk, PE30 4HG W VARNISHING SURLYNTH SKINPACK COATING
For all your Skin/Bilsler Cal
Coating Requirements.
(Even dia cut cards recoated) J & P Print Service: Tel: 0444 241587

# Wooden Carasa BASINGSTOKE PACKAGING LTD PACKING CASE MANUFACTURERS . SOFTWOOD AND COLLAPSIBLE PLYWOOD

● PALLET MANUFACTURERS ● AIR AND SEA FREIGHT EXPORT PACKERS CONTACT JUDY LAURENCE TEL + FAX: (0635) 863783 24 London Road, Thatcham, Berks. RG13 4LP

Contiage Packing



CARDS - CALENDARS - POSTERS -PROMOTIONS - CANS - CARTONS

Shrinkwrapping - Polybagging - Multipacking - Flowpacking -Colleling -Inserting- Malling - Stationery - Hand Work - Assembly

Wrapid Contract Services Ltd Aetlay Perk Ind. Eat. Chaddock Lana Aatley, Nr. Mechastar M29 7JT

> ERN CONTRACT PACKER

NUTS, ORIEO FRUITS, SNACKS GRAINS, AWEETS ETC COMPETITIVE RATES TELEPHONE: 081 795 1251 FAX: 081 795 1253

**BLISTER LIQUID SACHET** We are contract packers for shampoo bilatar liquid end sachete for sampling and hotals.

We accept ordars for eny quantity - eny label. ALEMKO LTD. 12 NIKOLAOU STRT. **GR-13561, ATHENS.** TEL/s. (1) 8315187 (1) 8323539

FAX: (1) 8323549

PLASTICS 071-237 8181 FAX: 071-252 2842

Talaphone: 0942 694132

HURST PACKAGING SERVICES

Hural Peckaging Garvices Unit 6, Cromwell Centre, Stapfield Wilhest, 6 seer CAS 382 ~ 0378 520842 Fex: 0376 501767

**VACUUM FORMING** 

Fax: 0942 694983

Labels

laneastrian

labels Ital

COMMERCIAL

PRODUCTS

UNIQUE MACHINERY SPECIAL-

MEDIUM RUNS UP TO 6 COLOURS

COMMERCIAL LABEL PRODUCTS LTO, GREENFIELDS INO. EST. BACK LANE CONGLETON CHESHIRE CW12 4TR

ISING IN SHORT AND

DE SIGNER1 & PRINTER1 OF SELF-ADHESIVE LABELS

LABELSLIMITED NETHERWOOD ROAD ROTHERWAS, HEREFORD HR2 6JU

A CORTINIVATION AND THE · OUOTVATION TEL: (0432) 263545 FAX: (0432) 264713

Contact or NOW los

Morions (Labels) Limited, 11 Oanney Road, Hardwick

Tel: 0553 763847

or Fax: 0553 788182

WE'LL PRINT IT ...

AND YOU CAN STICK IT

Prica & Sell-by data Alpha - Numaric - Batch M.O.D.'s

Any quant. No film or plate costs. Fasi & Rolloble eervice. varnight / Weakends / 365 days. Dantach 0403 219555 or ax 0403 218440 lor instant quota.

LABELS

BAR CODES

Materials, Containers & Closures - Wanted

SLIDE BLISTERS

HEAT SEAL BLISTERS

H.F. WELDED BLISTERS

CLAMSHELL BLISTERS

PHARMACEUTICALS-COSMETICS & TOILETRIES TOYS & GAMES-STATIONERY-FOOD INDUSTRY HAND TOOLS & DIY-ELECTRICAL ETC.

Suffolk Street, Whitstebie, Keni CT5 4RZ

WANTED VAC FORMING WASTE

Regular Collections Tailored to your Requirements Prompt Peyment

your contract packing partner

Powders, Liquids and Tablets in any type of pack

D MAINSTREAM PRODUCTION DI SHORT RUNS

Thermoformed

THERMOFORMED PACKAGING AND DISPLAY WOR

BLISTER AND SKIN PACKING

A COMPLETE DESIGN & MANUFACTURING SERVICE FOR

Packaging Systems

**UNIT PACKAGING** 

Tel: (0227) 263860 Fax: (0227) 770782

I LOCKNER

PENTAPACK

O NEW PRODUCT LAUNCHES O RAPIO RESPONSE

Ring thavid Gale on

0685 841144 or Fax 841107

POINT OF SALE DISPLAYS

PRODUCT HANDLING TRAYS

**CARTON INSERTS** 

INDUSTRIAL FORMINGS

Blan 🖁

moore bros (FROME) LIMITED Menor Roed, Merston Industrial Estate, Frome, Somsreat BA11 4BQ Tel: (0373) 462814 Fex: (0373) 461238

We are ceah buyers of all types of surplus Packaging Melorisis, Gage Bottles, Caps, Carlona, Paper, etc. HARRISON SMITH |London| Ltd

48 Chamber Street, London E1 SOL

Talaphone: 071-488 3685

AN ADVERTISEMENT THIS SIZE

COSTS ONLY £150.00

AND ENSURES YOUR MESSAGE

REACHES OVER 20,000 NAMED INDIVIDUALS

WHO ARE IN THE POSITION TO

EITHER PURCHASE OR

SPECIFY YOUR PRODUCTS.

CALL JACKIE SKEEL ON:

081 242 3156

TO RESERVE YOUR SPACE NOW!

Printed & Lingrinted Wased Paper. Cellophane, Polypropytens, Paper-backed Foll, Foil Board, PVC, Clinglifm & Begs Labellar. Front and back Labelling or Wraperound. Allan Coder on both sides 3 years old. Recently refur-Samples with details to UNITEO SUPPLIERS CO. LTD up to 200 Packs/Bottles per Tel: (D902) 733735/455001 Fax: (D902) 861768

WANTED

WANTEO

NEW AND REGUNDANT STOCKS OF CELLULOSE AND POLYPROPYLENE FILMS, ALSO PAPER AND PACKAGING MATERIALS REALISTIC OFFERS

**COOPERS PAPER** 081-500 7888

ALSO FILMS SUPPLIED

PACKAGING NEWS/MARCH 1994

AND THE PROPERTY OF THE PROPER \*\*\* Rackaging and Converting Wachinery for Sale

**SPECIAL OFFER MACHINES** 

N £38,000 S/H £22,900 S/H £ 2,000 Ecker with bell intesc Geriespacker with bell inleed for vertous products L-Sealer end funnel on wheels P.BO vertical form, fittl end seal Auto leeding for dry food stuff nuts end rics 2008 lebeller

2 HSL SEALING MACHINES

ramel packet hp 630 KOT-P

**BOOKBINDING & FINISHING MACHINES** 

Ped gluing press
ELHOPRINT M40 & control - print size 49 x 20mm
Frames for M40 with Now balance
Frame for M40O

LINE EQUIPMENT Specialist Reconditioners of Packaging Machines

Experienced Service for VFFS Machines Engineers € Teflon O 24 Hour Call Out Trenspor Welding

Service O Heat Seel/Poly conversions

D Holldey + Sickness Relief Work O PLC Control Conversions

FOR SALE

**Fully Reconditioned** 

V.F.F.S. Machines

With optional fitted units

Printers - Volumetric Fillers - atc

PAK AUTOMATION LTD.

Dublin 8282824 Fex: 8283538

FOR SALE

Walsall Saries 2000 Automsti

8.R. BROWN or S. HUCKER

FOR SALE

4Col. Cobden Chadwick

Flexo Printer

Compect Machine -

Good range of cylinders

£14,000 o.n.o.

Tel: A Herrison

0978 661247

pneumatics £7000

Pneumatics £6500

125H Converted to

175H Converted to

O Probes etc., O Rollers O Jews © Poly Heeting Controla @ Forming Sets

Wires

**Knives** 

All Work Gueranteed We Turn Your Old Machines To New

> FOR SALE Certoning Machine; Boach Certonette 75. Cartoning Mechine: IWKA Certopak 40.

Contact: Volpak Benelux B.V. Korte Noorderweg 26 1221 NB HILVERSUM THE NETHERLANDS Tel: 010 31 35 83 62 00

Spares

Fax: 010 31 35 83 62 32



**CLASSIFIEDS** 081-242 3156 Muchiners

FACLUSE I OFISING RIFFEL KTESHESHAN VACCEM FORWER WITH STEFF REAL PRESS SEXTIMAL INTEST VACCEM FORMER WITH STEFF RULE PRESS BERGIVATION FROM SAME ROPHEL BEAT & PEDG ASSIST BURCE VACCEMENT AND FORMER PRESS WITH PEGG ASSIST

WITH PLOG ASSIST BROAT 3121, 30 V 20 SI MI ADDO ERG, VFM3/30/V/20/SI/MFAD-Dr, W11/ EBI, VEM3 30 V 20 SI MI AG 10, WHILE PLUG ASSIST FIO, VEM3 AL ADDO OFFTAKL GERL-LICHNE & PLUG ASSIST EDI VEM4 ADDO OFFTAKE, GORTOURGE & PLUG ASSIST SHAMP 24 A 48 SKIN PACKER PRAMESCO 17 X 11 VACZSKIN PACKER FR

PHESSES SHEARLINE 30° ROTTER PRESS BRAT 27° ROTTER PRESS SAME RYSM: 2 CLUCKER PRESS GAS & WRIGHT OF RASE PRESS R.P.S.M. CLICKER PRESS BUSTERSEALING MBAT 18 v 15, 4 STATION ROTABY SHARP 20 X 20,4 STATION BOTABY

N £ 100

5/H £ 200

SURINKAVBALPING EDI. 24 X 15 SLEEVE SEALER & TON-BIO 24 X 12 SLEEVE SEALED WITCH

Telsphone: 0532 311313 Facsimile 0532 311114 SED MACHINERY ALWAYS REQUIRE

**Phrinkwrap** 

ervices Ltd

0282 695918

#### **Paper and Film Converting Machines**

The leading European specialist supplier of used converting machinery. Buying selling/installation commissioning/rebuilds

mannredfern UK Tel 0924 254445 FBx 0924 258815 Telea \$56247 Manred G

#### RECONDITIONED SHRINKWRAP MACHINERY

Automatic and Semi-eutometic. Complete Lines. Slaeva saelars. 'L' Seelers. Tunnels. Pert Exchanges with Manual Lines welcome

**SPARES & SERVICE** New & Service Exchange Perts lor most makes of Shrinkwrep Mechinery



**CLASSIFIEDS 081-242 3156** 

Ropak Ltd

THE 1 STOP SPECIALISTS FOR ALL YOUR

SHRINK, SKIN & BLISTER REQUIREMENTS

NEW & USED MACHINERY AVAILABLE

WITH COMPLETE IN-HOUSE BACK-UP

SALES, SPARES, SERVICE, HIRE ETC.

EQUIPMENT ALWAYS REQUIRED

TEL: 0274 680786 FAX: 0274680817

SERVICE & SPARES BACK UP

Fax: 0282 603326

SEMI & AUTO L SEALER & TUNNELS

**AUTO & SEMI AUTO SLEEVE SEAL SYSTEMS** 

CONTACT FRANK WILKINSON or TERRY MAGUIRE

ALSO WANTED

**USED SHRINK WRAP MACHINERY** 

Machinery Wanted

TECHNOLOGY /MACHINERY WANTED FOR

FLEXIBLE PACKAGING IN INDIA.

Our Associate - A large non-resident Indian

interested parties should write with details to:

K Rawachand & Sons Ltd.,

21 Maddox Straet, London W1R 9LE

Fax: 071 499 5709

Excellent European Bank/Supplier references can be provided

group, wishes to start above unit in India.

YORKSHIRE PACKAGING SUPPLIES Quarry Lane, Woodkirk, Dewabury, West Yorkshire Tel: 0924 441355 Fax: 0924 440686

> Tel/Fax: RON KENT RGOSY PACKAGING 03552 29015

#### NORMEC

REFURBISHED SHRINKWRAP EQUIPMENT SEWI & FULLY AUTOMATIC LINES SOLD APPROXIMATELY HALF PRICE NEW.

Agents for Ailpak new shrinkwrap equipment 2 (0532) 310344 Fax: (0532) 310857 **EQUIPMENT ALWAYS WANTED** 

LEWIS PACKAGING

#### **EDWARDS-KENNARD** SERVICES LIMITED

**ROLLER PRESSES** Menufacturere of the new "Eesy Box" ehort run THE WORLDS LEADING ROLLER PRESS corrugated box making machinee. Alac spacielista CONTACT US FOR A BROCHURE ON in reconditioned end load cartoning machinery. Full after eales cervice evaliable. Contact David Lewie on

Tel: 0474 333422 Fax: 0474 323648

SUPPLIERS OF NEW AND QUALITY RECONDITIONED SHRINKWRAP EQUIPMENT USED MACHINERY ALWAYS WANTED.



FOR SALE Bertuzzi 'Ciro Star' Model MUZ Crusher Also Orange Peel Silcer Model AS400 Winkworth 250 and 500 Litre Stainless Steel Steem Jacketed Bolling Pane (New). Convoyore, Screw, Fiel Belt and Bucket type

Conveyate, Screw, Fee Description of Con-cleiets on request.
Repeat-AFR Single Head Powder Filler.
Also Strink Tunnels, Wrappers and Sectors.
NEW LIST SHORTLY of over 5,000 Items in

our. Ynkworth Machinary Lid., Wilkow Tree Works Bysillowfield, Reading Berks. RG7 1000. Tek 0734 883851 Fex: 0734 884031 Teles: 847967

#### FOR SALE & WANTED

Tablet Presses, Grinders, Crushers. Send for your catalogue of new end S/H clant

Prescot Read Colabrook, (Blough) \$13 OAR Tel: 0753 585421 Fax: 0753 886431

PACKAGING NEWS/MARCH 1994

**WESTFIELD PACKAGING SERVICES** SPECIALISTS IN RECONDITIONED SHRINKWRAP EQUIPMENT, FULL

TEL: 0532 363130 FAX: 0532 363132



Bamerosa **O**ngineering Services Ltd.

FULLY REBUILT AND NEW SHRINKWRAP AND ANCILLARY MACHINERY AVAILABLE **FULLY GUARANTEED.** SPARES AND SERVICE ON MOST TYPES OF SHRINKWRAP AND PACKAGING MACHINERY

Shrink wrappers and sealers (all sizes).

Liquid & Powder Bliers-Single & Wulti-head. Mixera - all types, RIBBON & 'Z' Bisde etc. & Jackeled Pans, Mixers & Tenks.

**Gardam Machinery Limited** 

ILI

Present, Post, **Protect or** Pack it with-

> Packaging & Mailing TUBES, BĂGS. ENVELOPES

Ring, write or lax for full details. BRAYTHORN PLC Phillips Straet, Asion. Birmingham B6 4PT PHONE: 021 359 8800 FAX: 021 359 8412



**ADEPT PACKAGING** COMPANY LIMITED

> EST 20 YRS MANUFACTURERS OF:

- POLYTHENE BAGS
- SHRINK FILM
- LAYFLAT TUBING CLEAR OR COLOURED

WE CAN PRODUCE OUR PRODUCTS USING RECLAIMED OR BIO-DEGRADABLES

**WICKETTED & PRINTED BAGS** 

**OUR SPECIALITY!!** 

TELE081,318 7511 FAX: 081-852 9120



ALUMINIUM BOTTLES

and U.N. Approved Cartone All types available from the specialist suppliers:

Lofil Limited Silvardale Road Hayaa Middx Tal: 081-848 4061

#### **MULTIWALL PAPER SACKS** - 20 SIZES AVAILABLE

ALSO MADE TO ORDER, PLASTIC HANDLES FOR PREPACK PLAIN AND 6 COLOUR PRINTING

2 PLY 23" x 29" x 39" 2/3 PLY 161/2" x 3" x 35" 16" x 25" x 39" 3/4 PLY 18" x 22" x 36" 21" x 4" x 40"/42" 16" x 25" x 33" 13" x 17" x 18" " 21" x 4" x 48" 10" x 15" x 20"

POLYTHENE REFUSE SACKS OIN LINERS, PLAIN BAGS, TUBING SHEETING, SELF SEAL BAG 11" x 4" x 24" 13" x 17" x 28" Made from high quality kraft pepar

G.P.P. LTD., ROMFORD ☎ (0708) 725911 Tix: 8951426

Fax: (0708) 728677

FOR NEW **APPOINTMENTS** 

Giva us s oall on 0258 468178 NORTH HAMPSHIRE PURCHASING BERVICES 1490 Pack Lane, Kempeholt, Baskingatoka, Hente, RG22 SHA

NORTH HAMPSHIRE PURCHASING SERVICES

Bottlas, Caps, Pumpa, Triggare available. If we havan't got it, wa'll try to find it. Wa specialisa in Packeging Componentry for Parluma, Toliatry, Phermacautical and Food industrias.

Try our pricas, whether buying or salling. Good stocks of

Callulose Film Baga Polypropylene Bags Window Bags ax-stock NORMAN KNIGHTS LTD Unit 2, Russall Court, Russall Gardens, Wickford,

AN ADVERTISEMENT £64.00.

Fax: 0256 816333

OF THIS SIZE CAN COST AS LITTLE AS CALL JACKIE SKEEL ON 081-242 3156 TO BOOK NOW

Appointments Final date for copy for the April issue is Friday 18th

March '94. Advertisement copy should be addressed to Jackie Skeel, Packaging News, Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet,

Hertfordshire EN4 080

#### centimetre Tel: 081-242 3156 Fax: 081-242 3154

Wallingford and Lichfield.

on progress made in the lob.

Alec Tuckermen

ServisPak Limited

and eddressed to:

Appointments £22.00

per single column

Be seen for a month, not just a week!

SERVISPAK LIMITED

SALES MANAGER

Competitive Salary + Bonus + Car + Benefits

epreed ecross e wide range of Packaging Producte.

opportunities for further career development based

All applications should be accompanied by e full C.V.

Beadle Trading Estata, Hithercroft Road,

Appointments 081 242 3156

Wellingford, Oxon OX10 9RF

Sales turnover of around £5 million per annum is

Further expansion is planned and the succeedful

cendidete who will be a strong molivator with a

knowledge of the Peckaging Industry will enjoy

#### SITUATION WANTED SALES & MARKETING MANAGER

For top jobs in the

Packaging Industry

Seeks senior position. Considerable experience in vertical and horizontal F.F.S. systems, weighara, cartonara, lhermoforming machinaa, bunch and twist wrappers and laballare. Highly knowladgaabla on aealeabla packaging conc

eara responsibility for advertising/exhibition budgets and for regular aditorial contributions. Good basic anginaaring background, full C.V. avaliable; Plaasa

Packaging Naws Gox No. 2220, Maclash Huntar House, Chalk Lans Cockfostars Road, Garnal, Harts. EN4 OGU.

#### Partners In Recruitment

Providing specialist recruitment services to companies and candidates in the National and Internstional Packaging Industry.

**Building Recruitment Partnerships** Contact: Maurice Herring, Partner

Tel: 0480 493344 Fax: 0480 493343 6A The Pavement, St. Ives, Huntingdon, Cambridgeshire PE17 4AD

#### PARTNERSHIP OPPORTUNITY

Working partner to join young established company with adequate funding. Equity investment available up to 10k. Knowledge of the Carton board Supply

Industry essential.
Please ring: 0795 533040
Quote Reference No. PN100



Packeging Sales To £22,000 + Car

For the Best Vecancies Nationwide Telephone

K. P. Personnel now on 0903 820446

#### **Translations**

FROM FRENCH & SPANISH Of packaging & other

technical taxts; including \* Brochuras \* Correspondanca \* Contracta \* Manuals

interpreting also offered Reasonable ratas For more information Tel: 081 341 7062

PACKAGING NEWS/MARCH 1991



Appointments For top jobs in the **Packaging Industry** 

Be seen for a month, not just a week!

Final date for copy for the April issue is Friday 18th March '94. Advertisement copy should be addressed to Jackie Skeel. Packaging News, Maclean Hunter House, Chalk Lane, Cockfosters Road, Barnet, Hertfordshire EN4 OBU

Regional Sales Manager

SOUTH OF ENGLAND

£27,000 PLUS COMMISSION

company whose main activity is the manufacture of

specialised packaging machinery. Due to increased

sales growth, they now require an experienced Sales

Manager to join their existing UK team based in

based in Italy, the position requires a Regional Sales

Manager to increase and develop machine sales in

the South of England. Ideally aged 30 plus, the

successful candidate must have a minimum of three

Reporting directly to the UK Sales Manager

Our client is the UK agent of a successful Italian

# SALES MANAGER

COMPETITIVE SALARY + 800 Rover or Equiv

Bedfordshire

My Client, All-Fill Internetional, a profitable privately owned nearing background. Aged 25-40, with at least 3/4 years relecompany, is one of Europe'e leading manufacturers of quality vant sales experience, you will be able to demonstrate a successful powder filling equipment, selling fnto the Food, Pharmacautical, Chemical and Tolletry Industries

As a result of Internal promotion there now exists an opporlunity for an experienced cepitel equipment selas professional who has sold into 'Blua Chip' manufacturing Industries, to continue tha growth of profitable salee throughout the UK end in over-

Reporting to end working closely with the Managing Director and management learn, your responsibilities will include the davelopment of stretegias, businase piens, salas lorecesis, end direct and user sales both in the UK and abroad togethar with menegement of oversees agants. Additionally, you will prepare technical spacifications and quotations.

To succeed in this multi-feceted end chellenging position you are likely to be of graduate calibra, with a strong mechanical engi-

seles freck record to dele encompassing proven project man-

It is assential that you have successfully sold directly to end users in overseas merkats, and desirable that you hevo oversees egency menegament experienca. Another Europeen lenguega, particularly French, would be usaful, Above all you will ossese e fieir for creeting innovetiva technical angineering solutions for total customer setisfaction combined with en astute commercial ewareness on an international scale.

In return for your skills and expertise you will be offered en altrective selery package togather with the opportunity to grow end develop the business end your own carear within the company. A relocation peckage is offared where eppropriete.

If this is the opportunity you have been seeking then please send your CV in confidence to Meurice Herring, Pertner.

SELF MOTIVATED SALES & MARKETING PROFESSIONAL

Seeks a varied and challenging role. With over 15 years experiencewithin the Packaging

industry, specifically within the Machinery Sector. Sales Management skills, together with experience

Packaging News, Box No. 2222,

Maciean Hunter House, Cheik Lane,

Cockfosters Road, Barnet, Herts. EN4 OBU

Tha Malai Pigmants Olvision of Wolstenholma Gronza Powders

The Company, due to expansion and re-organisation, wishes to

recruit an Area Salaa Managar for tha UK, who will be based at the

working directly with the Olvisional Sales Oirector in targeting and

The successful applicant , preferably aged 30 to 40 years, will have a background within the Printing and Packaging Industry, ba edu-

cated to dagree level or aquivelant and hava a proven pattern of carear succass, including a good track record of sales and negotia-

Tha Company offars an excellant packaga which includes a com-

pany car, contributory pansion schema, private haalih ineuranca,

Applications, in C.V. tormal , are invited from candidates with the

nacessary experiance and qualifications, and should be addressed

INVESTOR IN PROPILE

STATE OF STA

profit sharing and relocation assistance it na cessary.

gaining potential accounts, and forming sound partnarehips with

Limited, la part of the Wolstenholma Rink PLC Group, a market

of UK and Export markets.

**AREA SALES MANAGER - UK** 

eadar in the manutacture of matallic pigmants.

ad office in Darwen but will traval intans

Metal Pigmente Division

our key UK customars.

tion skilla to industrial cliants

The Human Resource Director,

P.O. Gox 14,

Lanceshire

BB3 ORX.

Wolstsnholms Gronze Powdara Limite

Plaasa write to:

#### Partners In Recruitment

Telephone 0480 493344 Fax Number: 0480 493343

#### **THERMOFORMING SOUTH WALES**

Due to an influx of long term export orders, we are expanding our thermoforming operations. We are now recruiting:

#### PRODUCTION MANAGES

Applicanta should have previous experience in thermoforming or other forms of high output plastic processing. The successful applicant will be able to demonstrate a track record in controlling and improving production efficiencies, quality and costs. Qualifications or experience in hydraulics, pneumatics, electrics, etc. would be an edvantage but not essential.

Call or write, giving details of experience to: Steve Jones, Operations Director, at:



MATRIX INDUSTRIES LTD

2 Wansdyke Business Centre, Oldfield Lane, Sath BA2 3LY Tel: 0225 483000 Fax: 0225 483095

#### **Business for Sale**

Small Well Established **CHECKWEIGHING BUSINESS** FOR SALE

Good potential for the right investor. Serious replies please.

Packaging News Box No.2221, Maclean Hunter House. Chalk Lane, Cocklosiers Road, Barnet, Herts. EN4 OBU

PACKAGENG NEWS/MARCH1994

years' experience of field sales management within the packaging industry selling capital equipment. The position requires the individual to possess excellent interpersonal and negotiating skills. Although not essential, it would be a considerable advantage if the selected candidate spoke Italian.

Leighton Buzzard.

Rewards match the demands of this newly created position. If you feel you possess the enthuslasm and motivation to succeed in this challenging role, then please write enclosing full personal and career details to: Suzanne Doblison, Management Consultancy Division, Robson Rhodes, Bryansion Court, Selden Hill, Hemel Bempstead. Heris HP2 ITN.

ROBSON RHODES

Charlorol Accountable Name (1986)

Appointments 081 242 3156

<u>RSM</u>



Recruiters to the Packaging & Print Markets providing professional Recruitment / Search & Selection Services to Client Companies & Career Consultancy to Candidates Nationwide.

Specialising in assignments at all levels within Sales, Commercial, Production, Technical & Design.

Contact Angela McGuinness in confidence:

2 Wordsworth Road Harpenden, Herts. AL5 4AF Tel: 0582 460046 Facsimilie: 0582 461666

#### **Business Opportunities**

Established Business Manager seeks to PURCHASE or INVEST in established PACKAGING MATERIALS and/or MACHINERY COMPANY in SOUTH WEST LONDON / SURREY AREA With a view to involvement on a full or part time basis.

> Plaase reply to : Packeging News, Box No. 2223, Chelk Lene,

Cockfosters Roed, Barnet Herts. EN4 OBU